

BLAGOEVISHCHENSKAYA, N.S.
MALKINA, V.K., spets.redaktor; *BLAGOEVISHCHENSKAYA, N.S.*, spets.redaktor;
MORSHCHIKOV, V.D., redaktor; RAKOV, S.I., tekhnicheskiy redaktor

[Work under the new wage scale; a collection of articles] Rabota
po novym tarifnym usloviam; sbornik statei. [Moskva] Izd-vo
VTeSPS Profizdat, 1957. 125 p. (MLRA 10:9)
(Wages)

BLAGOVESHCHENSKAYA, Nataliya Sergeyevna; POPOV, A.S., red.; GOLICHENKOVA, A.A., tekhn. red.

[Guidance of a trade-union committee on social competition] Rukovodstvo komiteta profsoiuza sotsialisticheskim sorevnovaniem. Moskva, Izd-vo TsSPS Profizdat, 1961. 93 p. (Bibliotekha profsoiuznogo aktivista, no.14) (MIRA 14:11)
(Trade Unions) (Socialist competition)

BLAGOVESHCHENSKAYA, N.S.

Dynamic changes of hearing in tumors of the posterior cranial fossa and their interpretation according to Vvedenskii's theory on parabiosis. Vest. otorinol., Moskva 14 no. 4:14-18 July-Aug. 1952.
(CLML 22:5)

1. Candidate Medical Sciences. 2. Of the Otoneurological Division (Head -- Prof. O. G. Ageyeva-Maykova), Institute of Neurosurgery imeni M. M. Burdenko (Director -- Prof. B. G. Yegorov, Corresponding Member of the Academy of Medical Sciences USSR).

BLAGOVESHCHENSKAYA, N.S.

Brain - Tumors

Arachnoidal endothelioma of the posterior cranial fossa and resulting disturbance of function of the VIIIth nerve.

Vop. neirokhir 16, no. 4, 1952

BLAGOVESHCHINSKAYA, N.S., kandidat meditsinskikh nauk

Dynamics and compensation of the VIII nerve following surgery of
medulloblastomas of the posterior cranial fossa. Vest. oto-rin.
16 no.4:29-33 Jl-Ag '54. (MLRA 7:8)

1. Iz otonevirologicheskogo kabineta (zav. prof. O.G. Ageyeva-
Maykova) Instituta nevrokhirurgii imeni N.N. Burdenko Akademii
meditsinskikh nauk SSSR.

(CEREBELLUM, neoplasms,

*medulloblastoma, surg., postop. dynamics & compensatory
funct. of acoustic nerve)

(MEDULLOBLASTOMA,

*cerebellum, surg., postop. dynamics & compensatory funct.
of acoustic nerve)

(NERVES, ACOUSTIC,

*dynamics & compensatory funct. after surg. of cerebellar
medulloblastoma)

BLAGOVESHCHENSKAYA, N.S.

Cochleovestibular disorders in differential diagnosis of tumors of
the pons varolii. Vop. neirokhir. 18 no.3:49-56 My-Je '54.

(MLRA 7:8)

1. Iz otonevrologicheskogo kabineta Instituta neyrokhirurgii imeni
akademika N.N.Burdenko Akademii meditsinskikh nauk SSSR.

(PONS, neoplasms,

*manifest., cochleo-vestibular disord. in differ. diag.)

(COCHLEA, in various diseases,

*pontile tumors)

(VESTIBULAR APPARATUS, in various diseases,

*pontile tumors)

BLAGOVESHCHENSKAYA, N.S.

BLAGOVESHCHENSKAYA, N.S.

Cochleo-vestibulo-cerebellar disorders in medulloblastomas
of the posterior cranial fossa in children. Vop.neirokhir.
19 no.6:19-25 N-D '55. (MLRA 9:1)

1. Iz otoneurologicheskogo kabineta Instituta neyrokhirurgii
imeni akad. N.N.Burdenko.

(BRAIN, neoplasms,

medulloblastoma of posterior cranial fossa, cochleo-
vestibulo-cerebellar disord. in)

(MEDULLOBLASTOMA,

posterior cranial fossa, cochleo-vestibulo-cerebellar
disord. in)

EXCERPTA MEDICA Sec.11 Vol.10/11 Oto-Rhino-Laryng Nov57
BLAGOVESHCHENSKAYA N.S.

2140. BLAGOVESHCHENSKAYA N.S. Moscow.* The mechanism of the caloric test according to ECG recordings (Russian text)
VESTN. OTO-RHINO-LARING. 1957, 3 (71-78)

Changes of the EEG after caloric tests in patients with tumours of the posterior fossae of the cranium lasted from 2 to 8 min. These changes depended not so much on the state of the vestibular apparatus as on the preceding functional condition of the cerebral cortex, showing depression, exaltation of electrical activity or remaining unchanged. Changes in the EEG after calorization in patients lacking vestibular excitability, are apparently caused by thermo-tactile stimulation of the skin in the auditory channel. Hence, the caloric probe should be regarded as a complex stimulus.

(XI, 8*)

PETUKHOV, Georgiy Alekseyevich; BLAGOVESHCHENSKAYA, N.S., spetsred.;
VESELKINA, A.A., red.; RAKOV, S.I., tekhn.red.

[Wage schedule of workmen; aid to trade-union workers] Tarifnaia
sistema zarabotnoi platy rabochikh; v pomoshch' profsoiuznyim
rabotnikam. Moskva, Izd-vo VTsSFS Profizdat, 1958. 94 p.

(MIRA 13:1)

(Wages)

BLAGOVESHCHENSKAYA, N.S., kand.med.nauk

Olfactory disorders in tumors of the posterior cranial fossa
[with summary in English]. Vest.oto-rin- 20 no.5:68-72 S-0 '58
(MIRA 11:12)

1. Iz otonevirologicheskogo kabineta (zav. - prof. OG. Agyeva-
Maykova) Nauchno-issledovatel'skogo instituta neurokhirurgii imeni
akademika N.N. Burdenko Akademii meditsinskikh nauk SSSR.

(BRIAN NEOPLASMS, complications
olfaction disord. in tumors of posterior cranial
fossa (Eng))

(SMELL,
disord. caused by tumors of posterior cranial fossa
(Eng))

BLAGOVESHCHENSKAYA, N. S.: Doc Med Sci (diss) -- "Auditory and vestibular disorders in the clinical treatment of tumors of the posterior cranial fossa".
Moscow, 1959. 26 pp (Acad Med Sci USSR), 250 copies (KL, No 15, 1959, 119)

BLAGOVESHCHENSKAYA, N.S.

Absence of spontaneous nystagmus in tumors of the posterior cranial fossa. Vop.neirokhir. 23 no.5:30-33 S-0 '59. (MIRA 12:11)

1. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni institut neirokhirurgii imeni akad. N.N. Burdenko AMN SSSR.
(BRAIN neoplasms)

BLAGOVESHCHENSKAYA, N.S.; KORNIANSKIY, G.P.

Clinical aspects of cystic degenerative neurinomas of the eighth
cranial nerve. Vop. neirokhir. 24 no. 3:48-52 My-Je '60.

(MIRA 14:1)

(ACOUSTIC NERVE---TUMORS)

ARENDE, A.A., zasl. deyatel' nauki prof.; ARKHANGEL'SKIY, V.V., kand. med. nauk; BLAGOVESHCHENSKAYA, N.S., doktor med. nauk; GAL'PERIN, M.D., prof.; KANDEL', E.I., kand. med. nauk; KORNYANSKIY, G.P., prof.; KORST, L.O., doktor med. nauk; RAZDOL'SKIY, I.Ya., zasl. deyatel' nauki prof.; EMDIN, P.I., zasl. deyatel' nauki prof. [deceased]; EPSHTEYN, P.V.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.; SENCHILO, K.K., tekhn. red.

[Multivolume manual on neurology] Mnogotomnoe rukovodstvo po nevrologii. Moskva, Medgiz. Vol.5. [Tumors of the nervous system] Opukholi nervnoi sistemy. . 1961. 570 p.

(MIRA 16:9)

1. Deystvitel'nyy chlen AMN SSSR (for Davidenkov). 2. Chlen-korrespondent AMN SSSR (for Razdol'skiy).

(NERVOUS SYSTEM—TUMORS)

BLAGOVESHCHENSKAYA, N. S., doktor med. nauk

Some characteristics of changes in the otolaryngological organs
caused by tumors of the posterior cranial fossa. Vest. otorin.
no.4:80-86 '61. (MIRA 15:2)

1. Iz otoneurologicheskogo kabineta Nauchno-issledovatel'skogo
ordena Trudovogo Krasnogo Znameni instituta neirokhirurgii imeni
akad. N. N. Burdenko (dir. - deystvitel'nyy chlen AMN SSSR prof.
B..L. Yegorov) Akademii meditsinskikh nauk SSSR, Moskva.

(BRAIN—TUMORS) (OTOLARYNGOLOGY)

BLAGOVESHCHENSKAYA, Nataliya Sergeevna; KANDEL', E.I., red.;
KUZ'MINA, N.S., tekhn. red.

[Topical significance of disorders of hearing, the
vestibular function, smell, and taste in brain lesions]
Topicheskoe znachenie narushenii sluchha, vestibularnoi
funktsii, oboniania i vkusa pri porazheniiakh golovnogo
mozga. Moskva, Medgiz, 1962. 271 p. (MIRA 15:3)
(BRAIN--DISEASES) (SENSES AND SENSATION)

YEGOROV, B. G.; FILIPPOV, M. M.; BLAGOVESHCHENSKAYA, N. S.; ZHUKOVICH, A.V.

In memory of Professor Ol'ga Grigor'evna Ageeva-Maikova. Vest.
otorin. no.1:122-123 '62. (MIRA 15:7)

(AGEEVA-MAIKOVA, OL'GA GRIGOR'EVNA, 1887-1961)

BLAGOVESHCHENSKAYA, N. S., doktor med. nauk

Etiology, clinical aspects and treatment of arachnoiditis of
rhinosinusogenic etiology. Vest. otorin. no.2:3-12 '62.
(MIRA 15:2)

1. Iz Instituta neyrokhirurgii imeni akad. N. N. Burdenko (dir. -
deystviteľ'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof.
B. G. Yegorov) AMN SSSR, Moskva.

(MENINGITIS) (SINUSITIS)

BLAGOVESHCHENSKAYA, N. S., doktor med. nauk

Otoneurological symptoms in tumors of the acoustic nerve. Vest.
otorin. no.3:83-91 '62. (MIRA 15:6)

1. Iz otonevrologicheskogo kabineta Instituta neyrokhirurgii
imeni akad. N. N. Burdenko AMN SSSR (dir. - deyствител'nyy
chlen AMN SSSR zasluzhenyy deyatel' nauki prof. B. G. Yegorov),
Moskva.

(ACOUSTIC NERVE—TUMORS)

HLAGOVESHCHENSKAYA, N.S., doktor med.nauk

Study of hearing at various levels of lesion of the auditory
tract. Vest. otorin. no.4:17-23 '62. (MIRA 16:3)

1. Iz Nauchno-issledovatel'skogo ordena Trudovogo Krasnogo Znameni
instituta neirokhirurgii imeni akad. N.N. Burdenko AMN SSSR (dir. -
deystvital'nyy chlen AMN SSSR zasluzhennyy deyatel' nauki prof.
B.G. Yegorov), Moskva.

(AUDIOMETER) (HEARING)

BLAGOVESHCHENSKAYA, N.S., doktor med.nauk

Characteristics of otoneurological symptomatology in tumors of
the posterior cranial fossa in children. Probl.sovr.neirokhir.
4:235-241 '62. (MIRA 16:2)

(EAR) (BRAIN-TUMORS)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4

BLAGOVESHCHENSKAYA, N.S.

Differential diagnosis of peripheral and central vestibular
disorders. Otolaryng. Pol. 16 no.1:35-40 '62.
(VESTIBULAR APPARATUS dis)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4"

BLAGOVESHCHENSKAYA, Nataliya Sergeyevna; SEGALOV, Viktor Yefimovich;
POPOV, A.S., red.; ANDREYEVA, L.S., tekhn. red.

[Organization of socialist competition in an enterprise] Orga-
nizatsiia sotsialisticheskogo sorevnovaniia na predpriiatii.
Moskva, Profizdat, 1963. 94 p. (Bibliotekha profsoiuznogo
aktivista, no.15 (63)) (MIRA 16:12)
(Socialist competition)

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4

BLAGOVESCHENSKAYA, N.S.

Review of the book "Problems of scientific and practical
otorhinolaryngology." Vest. oto-rin. 25 no.4:97-98 Jl-Ag '63.
(MIRA 17:1)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4"

BLA GOVESHCHENSKAYA, N.S.

Differential diagnosis between peripheral and central
vestibular disorders. Zhur. ush., nos. i gorl. bol. 23
no.1:28-33 Ja-F '63. (MIRA 17:2)

1. Iz Nauchno-issledovatel'skogo instituta neyrokhirurgii
imeni akademika N.N. Burdenko, Moskva.

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4

BLAGOVESHCHENSKAYA, N.S.

Symposium on otoneuroophthalmology in Dresden. Vest. oto-
rin. 25 no.2:120-122 Mr-Ap '63. (MIRA 17:1)

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205420013-4"

FEL'DMAN, Samuil Pavlovich; BLAGOVESHCHENSKAYA, N.S., red.

[Otoneurology for the practicing physician; significance
of clinical and practical methods of examining the
acoustic and vestibular analyzers and otoneurologic
syndromes in operative otiatrics] Otoneurologija prakti-
cheskogo vracha; znachenie kliniko-prakticheskikh meto-
dov issledovaniia zvukovogo i vestibuliarnogo analizatorov
i otonevrologicheskikh sindromov pri operativnoi otiatrii.
Moskva, Meditsina, 1965. 154 p. (MIRA 18:4)

BLAGOVESHCHENSKAYA, N.S., doktor med. nauk (Moskva)

Otoneurological symptomatology fo the acoustic
nerve in early stages. Vop. neirokhir. 28 no.1:49-52 Ja-F '64.
(MIRA 18:1)

l. Nauchno-issledovatel'skiy ordena Trudovogo Krasnogo Znameni
institut neyrokhirurgii imeni N.N. Burdenko (direktor - prof.
B.G. Yegorov) AMN SSSR, Moskva.

BLAGOVESHCHENSKAYA, N.S.; DUBOVOY, A.B.; NIKITIN, D.P.; PETROV,
P.S., kand.ekon. nauk; MAKAROVA, E.A., red.

[Trade-union mass work to encourage production] Proizvod-
stvenno-massovaia rabota professional'nykh soiuzov;
uchebnoe posobie. Moskva, Profizdat, 1965. 222 p.
(MIRA 18:7)

1. Moscow. Vysshaya shkola professional'nogo dvizheniya.
2. Zaveduyushchiy kafedroy profsoyuznogo stroitel'stva
Moskovskoy vysshey shkoly professional'nogo dvizheniya
(for Petrov).

BLAGOVESHCHENSKAYA, Nataliya Sergeyevna; FRIDMAN, A.M., red.

[Otoneurological symptomatology in the clinical aspects of cerebral tumors] Otonevrologicheskai simptomatika v klinike opukholei golovnogo mozga. Leningrad, Meditsina, 1965. 254 p. (MIRA 18:9)

Blagoveshchenskaya, O.V.

USSR/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12838

Author : Blagoveshchenskaya, O.V.

Inst : Not given.

Title : Teratomas of the Sacro-coccygeal Area in Children.

Orig Pub : Khirurgiya, 1957, No 7, 108-112.

Abstract : No abstract.

Card 1/1

USCOMM-DC-55, 042

TERNOVSKIY, Sergey Dmitriyevich, zasl. deyatel' nauki, prof.
[deceased]; VOZDVIZHENSKIY, Sergey Ivanovich; DERZHAVIN,
Val'ter Mikhaylovich; KONDRAVIN, Nikolay Ivanovich;
~~BLAGOVESHCHENSKAYA, Ol'ga Vladimirovna~~; PRONIN, V.I.,
red.; PRONINA, N.D., tekhn. red.

[Treatment of chemical burns and cicatricial stenosis of
the esophagus in children] Lechenie khimicheskikh ozhogov i
rubtsovykh suzhenii pishchevoda u detei. Moskva, Medgiz,
1963. 134 p. (MIRA 17:3)

1. Chlen-korrespondent AMN SSSR (for Ternovskiy).



137-58-6-12978

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 257 (USSR)

AUTHOR: Blagoveshchenskaya, R.N.

TITLE: Anodizing and Coloring of Aluminum Articles (Anodirovaniye i okrashivaniye aluminiiyevykh izdeliy)

PERIODICAL: Byul. Tsentr. in-t inform. M-va tsvetn. metallurgii SSSR,
1957, Nr 7, pp 26-27

ABSTRACT: Presentation of the experience of the Krasnyy Vyborzhets plant in anodizing (A) and coloring (C) of Al articles. The effect of the method of surface preparation and of the purity of the Al on the quality of A in a sulfate electrolyte was investigated. Electrochemical buffering (EB) of surface proved to be the best preparatory technique. During EB a matte lattice appears on A-1 grade Al. The formation of the lattice is observed in the presence of admixtures of (in %) Cu 0.006, Fe 0.18, and Si 0.15. During EB of Al containing (in %) Cu 0.005, Fe 0.003, and Si 0.009 the greatest brightness was achieved and no matte lattice was observed. Special attention was given to the rolling in of lubricant during the rolling of Al, because in that case even high-purity Al cannot be given a good surface during A

Card 1/2

137-58-6-12978

Anodizing and Coloring of Aluminum Articles

and EB. Process of coloring anodized Al articles golden, red, and lilac was investigated. Duration of C and temperature of the solution are determining factors of the intensity of coloration. Corrosion tests have shown that anodized and colored articles possess high corrosion resistance in food mediums.

B.K.

1. Aluminum--Electrolytic polishing
2. Aluminum--Surface properties
3. Aluminum--Color
4. Electrolysis--Applications

Card 2/2

BLAGO VESHCHENSKAYA, R.N.

136-8-6/21

AUTHORS: Blagoveshchenskaya, R.N., Engineer and Sergeyev, L.N.
Candidate of Technological Sciences

TITLE: Decorative Colouring of Polished Aluminium Objects
(Dekorativnoye okrashivaniye polirovannykh alyuminiyevykh
izdeliy)

PERIODICAL: Tsvetnye Metally, 1957, Nr 8, pp.31-33 (USSR)

ABSTRACT: The authors describe attempts at the "Krasnyy Vyborzhets" works to produce a decorative coloured finish on a polished and patternless surface in connection with the manufacture of anodised, coloured ash-trays. D.G.Butomo and engineers L.S.Medvedeva and S.M.Naumchik of the works and Cand.Tech. Sc. S.N.Chernyak and engineer M.P.Peshkova of the imeni Voroshilov (imeni Voroshilova) works participated in this work. Experiments were made to find the influence on the quality of the product of polishing, anodizing, type of aluminium, lubrication during rolling, roll cleaning. Corrosion tests were also carried out. The experimental work described served as the basis for the successful development of the technological process now used, some features of which are mentioned in this article. The authors state that the chemical compositions of aluminium giving

Card 1/2

136- 8-6/21

Decorative Colouring of Polished Aluminium Objects.

best results with smooth, patterned or specially hard polished surfaces have been established and that the nature of the various surface defects appearing after electro-chemical corrosion has been elucidated.

There is one non-Slavic reference and two photographs.

ASSOCIATION: "Krasnyy Vyborzhets" Works (Zavod "Krasnyy Vyborzhets")

AVAILABLE: Library of Congress.

Card 2/2

VORNOVITSKIY, I.N., inzh.; MAZEL', A.G., kand. tekhn. nauk; ZASKO, F.A.,
inzh.; BLAGOVESHCHENSKAYA, V.V., inzh.

The VSTs-1 cellulose-coated electrodes for the welding of pipe-lines. Svar. proizv. no.3:18-20 Mr '64. (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov (for Vornovitskiy, Mazel').
2. Gosudarstvennyy nroizvodstvennyy komitet po gazovoy promyshlennosti SSSR (for Zasko).
3. Leningradskiy zavod im Zhdanova (for Blagoveshchenskaya).

BABAYANTS, R.S.; BLAGOVESHCHENSKAYA, V.V.; VERGILESOVA, O.S.; VISSONOV, Yu.V.;
VYALOVA, N.A.; GLAZUNOV, I.S.; DRUTMAN, R.D.; KLEMPARSKAYA, N.N.;
KOTOVA, E.S.; KURSHAKOV, N.A., prof.; LAR'CHEVA, L.P.; LYSKOVA, M.N.;
MALYSHEVA, M.S.; PETUSHKOV, V.N.; RYNKOVA, N.N.; SOKOLOVA, I.I.;
STUDENIKINA, L.A.; CHUSOVA, V.N.; SHESTIKHINA, O.N.; SHULYATIKOVA,
A.Ya.; SHTUKKENBERG, Yu.M.; BARANOVA, Ye.F., red.

[Acute radiation lesion in man] Ostraia radiatsionnaia travma
u cheloveka. Moskva, Meditsina, 1965. 313 p.

(MIRA 18:9)

1. Chlen-korrespondent AMN SSSR (for Kurshakov).

BLAGOVESHCHENSKAYA, Ye.E.; GOL'TSMAN, F.M.; ROTSHTEYN, A.Ya.

Optimal method for measuring the frequency of free nuclear precession in the presence of noise. Geomag. i aer. 5 no.3:
554-562 My-Je '65. (MIRA 18:5)

1. Leningradskiy gosudarstvennyy universitet i Institut zemnogo magnetizma, ionosfery i rasprostraneniya radiovoln AN SSSR, Leningradskoye otdeleniye.

SMIRNOVA, M.V.; BLAGOVESHCHENSKAYA, Ye.V.; KUCHINSKAYA, N.Ye.; LEBEDEVA, Z.I.

Interrelation between nucleic acid metabolism and toxin biosynthesis
in *Staphylococcus albus*. Vop.med.khim. 10 no.3:274-279 My-Je '64.
(MIRA 18:2)

1. Otdel biokhimii Instituta epidemiologii i mikrobiologii imeni
Gamalei AMN SSSR, Moskva.

KOLENTSEV, Mikhail Timofeyevich; MASOVICH, Feliks Zinov'yevich;
RYKOV, Boris Vasil'yevich; BLAGOVESHCHENSKIY Roman
Viktorovich; ABRAMOV, V.I., inzh., otv. red.;
BOLDYREVA, Z.A., tekhn. red.

[Coal cutter loader K56M] Ugol'nyi kombain K56M. Moskva,
Gosgortekhizdat, 1963. 134 p. (MIRA 17:3)

BLAGOVESHCHENSKAYA, V.A.

Pathological anatomy of amyloidosis. Trudy Kuib.med.inst. 11:246-
254 '60. (MIRA 15:8)

1. Iz kafedry patologicheskoy anatomii (zav. kafedroy prof. N.F.
Shlyapnikov) Kuybyshevskogo meditsinskogo instituta.
(AMYLOIDOSIS)

BLAGOVESHCHENSKAYA, V. S., master Vet Sci --(miss) "Curing cattle herds of brucellosis by vaccination (in the Gor'kiy oblast farms). Gor'kiy, 1957, 16 pp.(All-Union Inst of Experimental Vet Sci), 125 copies. (KL, No40, 1957, p.94)

POMAZKOV, Yu.I., mladshiy nauchnyy sotrudnik; DUBINEVICH, B.N., starshiy nauchnyy sotrudnik (Mironovka, Kiyevskoy obl.); BLAGOVESHCHENSKAYA, V.S., agronom; BUGAYEV, I.D.; KULESHOV, L.A.; SHEREMET, I.V.; KONDAKOV, N.

Following up our articles. Zashch. rast. ot vred. i bol. 7 no.11:
18-19 N '62. (MIRA 164)

1. Institut sadovodstva nechernozemnoy polosy (for Pomazkov). 2. Pochinkovskoye territorial'noye proizvodstvennoye upravleniye, Gor'kovskaya oblast' (for Blagoveshchenskaya). 3. Starshiy agronom Shatrovskogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozyaystvennykh rasteniy (for Bugayev). 4. Nachal'nik Gomel'skogo otryada po bor'be s vreditelyami i boleznyami sel'skokhozyaystvennykh rasteniy (for Kuleshov). 5. Agronom po zashchite rasteniy sel'skokhozyaystvennoy arteli imeni Frunze, Kupenskogo rayona, Khar'kovskoy oblasti (for Sheremet). 6. Nachal'nik Chuvashskoy respublikanskoj stantsii zashchity rasteniy (for Kondakov).

FRUMIN, Semen Romanovich, kand. tekhn. nauk; BLOKH, Roshil' L'vovna, inzh.;
BLAGOVESHCHENSKAYA, Valentina Vladimirovna, inzh.; RYZHIN, Z.M., inzh.
red.; SHILLING, V.A., red. izd-vaj; GVIITS, V.L., tekhn. red.

[Ceramic fluxes for automatic and semiautomatic welding of low-carbon
steel] Keramicheskie fliusy dlia avtomaticheskoi i poluavtomatiches-
skie svarki nizkouglerodistoi stali. Leningrad, 1961. 23 p. Leni-
gradskii Dom nauchno-tehnicheskoi propagandy. Obmen peredovym opytom.
Seriia: Svarka i paika metallov, no.4) (MIRA 14:7)
(Steel—Welding)

BLAGOVESHCHENSKAYA, V.V., inzh.

Using peat instead of starch and dextrine in the manufacture of electrodes. Svar. proizv. no.7:27-28 Jl '63.
(MIRA 17:2)

1. Leningradskiy zavod im. A.A. Zhdanova.

BLAGOVESHCHENSKAYA, V.S.

Low volume spraying in weed control. Zashch. rast. ot vred.
i bol. 9 no. 5:21 '64. (MIRA 17:6)

1. Glavnnyy agronom po zashchite rasteniy Pochinkovskogo
proizvodstvennogo upravleniya, Gor'kovskaya obl.

"APPROVED FOR RELEASE: 06/08/2000

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DEBOV, S.S.; MARDASHEV, S.R.; VOTRIN, I.I.; BLAGOVESHCHENSKAYA, Ye.V.

Ribonucleic acid polymerization activity of desoxyribonucleoprotein
from the rat liver and cells from Ehrlich ascites cancer in mice.
Vop. med. khim. 10 no.1:92-94 Ja-F '64.

(MIRA 17:12)

1. Kafedra biokhimii I Moskovskogo ordena Lenina meditsinskogo insti-
tuta im. I.M. Sechenova.

USSR,

Use of dimethylphenylbenzylammonium as reagent for large anions. A. N. Latsimis and Z. I. Il'inskaya. *Izv. Akad. Nauk SSSR, Ser. Khim.* 1966, No. 3 (1967); cf. *Rinde, C. J. S.; Edel, K. In: Nachr. Akad. Wiss. DDR, Chem. Reihe, 1970, 15, 2470.* The $\text{Me}_2\text{PhC}_6\text{H}_4\text{N}^+$ ion was added to solns. of different anions. I opsd. $\text{Cr}_2\text{O}_7^{2-}$, $\text{S}_2\text{O}_4^{2-}$, $[\text{Fe}(\text{CN})_6]^{4-}$, $[\text{Fe}(\text{CN})_6]^{4-}$, and iodide. Sensitivity of these reactions was detd. The crystals were photogr. with $\lambda = 350 \text{ m}\mu$. A 1% soln. of ICl was mixed with 0.5 M $\text{S}_2\text{O}_4^{2-}$ and 0.1 mol/l of the anions. With $\text{S}_2\text{O}_4^{2-}$ white dendrites pptd from excess soln. above 0.5%. Dil. solns. gave crystals. A 1% ICl soln. did not form a ppt. in solns. contg. >0.1% $\text{S}_2\text{O}_4^{2-}$ but when a ICl crystal was added to 1 drop of such dil. $\text{S}_2\text{O}_4^{2-}$ soln., crystals of $\text{I}_2\text{S}_2\text{O}_8$ formed rapidly. Min. concn. was 1:2000, detectable min. 0.5 s (vol. of drop is 0.001 ml.). Solv. of $\text{I}_2\text{S}_2\text{O}_8$ increased greatly by heating. The salt was recrystd from hot H_2O , dried over HgSO_4 , and analyzed for S and N. With $[\text{Fe}(\text{CN})_6]^{4-}$ yellow crystals, $\text{I}_2\text{Fe}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$, formed. Min. concn. was 1:2000, detectable min. 0.5 s. Compn. was confirmed by N and $[\text{Fe}(\text{CN})_6]^{4-}$ detns. With $\text{Cr}_2\text{O}_7^{2-}$ yellow crystals with an unusual form pptd. From very dil. soln. Min. concn. was 1:2000, detectable min. 0.5 s. Analysis for $\text{Cr}_2\text{O}_7^{2-}$ confirmed the formula $\text{I}_2\text{Cr}_2\text{O}_7$. With $[\text{Fe}(\text{CN})_6]^{4-}$, ICl gave a ppt. only in the presence of acid. These fine greenish cubes are much less sol. in H_2O than the ferrocyanide salt. Min. concn. was 1:17,000, detectable min. 0.059 s. Detn. of N and $[\text{Fe}(\text{CN})_6]^{4-}$ confirmed the formula $1\text{H}_2\text{Fe}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$. From iodide solns. a crystal of ICl pptd. I iodide as confirmed by analysis. Min. concn. was 1:400, detectable min. 2.5 s. Eurilla Mayerle

BLAGOVESHCHENSKAYA, Z.I.

Volumetric method for determining phenyldimethyl benzylammonium chloride (Leucotrope O). Izv.vys.ucheb.zav.; tekhn.tekst.prom. (MIRA 14:1)
no.6:116-119 '60.

1. Ivanovskiy gosudarstvennyy meditsinskiy institut.
(Dyes and dyeing—Analysis)
(Ammonium compounds)

CHISTYAKOV, N.M.; BLAGOVESHCHENSKAYA, Z.I.

Amount of some microelements in bee honey in connection with the
theory of biogegeochemical provinces. K pozn. fauny i flory Ivan. obi.
no.1:76-79 '61. (MIRA 15:7)
(Honey—Analysis) (Trace elements)

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CIA-RDP86-00513R000205420013-4

BLAGOVESHCHENSKY, A.A.; CHIKALO, I.I.

Proteolytic enzymes from cotton seedlings. C.R. Acad. Sci. U.R.S.S.,
'49, 68, 885-888.
(BA - A III Ja '53:97)

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CIA-RDP86-00513R000205420013-4"

BLAGOVESHCHENSKIY, A.B.; KUCHERNYUK, V.A.

Thermally stabilized amplifier with a relay characteristic.
Mash. i neft. obor. no. 3:26-28 '64. (MIRA 17:5)

1. Oktyabr'skiy filial Vsesoyuznogo nauchno-issledovatel'skogo
i proyektno-konstruktorskogo instituta kompleksnoy avtomatizatsii
neftyanoy i gazovoy promyshlennosti.

BLAGOVESHCHENSKIY, A.P.

Teaching drawing in sanatoriums for children with osteoarticular tuberculosis. Probl.tub. no.2:70 Mr-Ap '54. (MLRA 7:5)

(TUBERCULOSIS, OSTEOARTICULAR, in infant and child,

*teaching of drawing in sanatoria for osteoarticular tuberc.
(SANATORIA,

*teaching of drawing in sanatoria for osteoarticular tuberc.
in child)

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BLAGOVESHCHENSKIY, A.P.

HOMEMADE relief maps. Geog.v shkale 1:9 no.2:60-63 Mr-Ap '56.
(Relief maps) (MIRA 9:7)

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CIA-RDP86-00513R000205420013-4"

BLAGOVESHCHENSKIY, A.P.; MYL'NIKOVA, A.N., inzh.:

Pneumatic cotton conveying to the head feeder. Tekst.prom. 18
no.4:53 Ap '58. (MIRA 11:4)

1. Nachal'nik remontno-montazhnogo otdela fabriki imeni Balashova,
g. Ivanovo (for Blagoveshchenskiy).
(Pneumatic machinery) (Cotton manufacture)

29107
S/0⁰⁰/61/140/005/002/022
C111, C222

16-3500

AUTHOR:

Blagoveshchenskiy, A. S.

TITLE:

Some correct problems for the ultra-hyperbolic and wave equations with data given on the characteristic cone

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 140, no. 5, 1961,
990-993

TEXT: The author considers the integral equation

$$\psi(x) = \frac{1}{|x|} \int_{|z|^2 = (x, z)} \frac{G(z)}{|z|^{n-2}} dS_z, \quad x = x_1 \dots x_n; \quad z = z_1 \dots z_n \quad (1)$$

Let n be odd, and let the operator D be defined by

$$P\varphi = \frac{1}{(2\pi)^{\frac{n-1}{2}}} \frac{1}{|z|^{\frac{n-1}{2}}} \frac{\partial^{\frac{n-1}{2}}}{\partial |z|^{\frac{n-1}{2}}} \int_{(x, z) = |z|^2} \varphi(x) dS_x. \quad (2)$$

P is unitary, that can be concluded from the consideration of $S=P^*$.

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It holds

$$S\psi = \frac{1}{(-2\pi)^{\frac{n-1}{2}}} \frac{\partial^{\frac{n-1}{2}}}{\partial |x|^{\frac{n-1}{2}}} \left[|x|^{\frac{n-3}{2}} \int_{(z,x)=|x^2|} \frac{\psi(z)}{|z|^{n-3}} dS_z \right]. \quad (3)$$

Theorem 3: Let $\Psi(x)$ ($x = x_1 \dots x_n$) be an arbitrary $(n+1)$ times continuously differentiable function given for all x . Let exist a constant $C > 0$ so that it holds

$$\left| \frac{\partial^k \Psi(x)}{\partial x_1^{\alpha_1} \dots \partial x_n^{\alpha_n}} \right| \leq \frac{C}{1+|x|^{\frac{n+1}{2}}} \quad (0 \leq \sum_{i=1}^n \alpha_i = k \leq n+1). \quad (5)$$

Then there exists a unique function $G(z) \in L_2$ being continuous in the whole space and two times continuously differentiable everywhere except of the coordinate origin, which satisfies (1). It holds

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$$G(z) = \frac{(-1)^{\frac{n-1}{2}}}{(2\pi)^{n-1}} \frac{\partial^{n-1}}{\partial|z|^{n-1}} \int_{(x,z)=|z|^2} \Psi(x) dS_x \quad (6)$$

Analogous results are valid for even n.

The theorem is used for solving the following problems:

Problem I: Determine a function $U(x, y) \equiv U(x_1, \dots, x_n, y_1, \dots, y_n)$
satisfying

$$\Delta_x U = \Delta_y U \quad (7)$$

$$U|x|=|y| = \varphi(x, y) \quad (8)$$

for $|x| < |y|$, where

$$\left| \frac{\partial^j \varphi(x, y)}{\partial x_1^{\alpha_1} \dots \partial x_n^{\alpha_n} \partial y_1^{\beta_1} \dots \partial y_n^{\beta_n}} \right| \leq \frac{C}{1+|x|^{\frac{5n-1}{2}}} \quad (0 \leq \sum \alpha_i + \sum \beta_i = j \leq n+1). \quad (9)$$

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If U exists then

$$\int_{|z|^2=r^2} U(x+z, y) dS_z = \int_{|z|^2=r^2} U(x, y+z) dS_z.$$
W

Putting here $x = 0$, $r = |y|$ then it follows

$$\int_{|z|^2=|y|^2} U(0, y+z) dS_z = \int_{|z|^2=|y|^2} \varphi(z, y) dS_z \quad (10)$$

i.e. the integral equation (1) for $U(0, y)$. After the determination of U in all points $\{0, y\}$ then U can be found in an arbitrary point $\{x, y\}$ ($|x| < |y|$) with the aid of the ultra-Lorentz transformation of $\{x, y\}$ in $\{0, y'\}$. The solution has the form

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$$U(x,y) = C_n \frac{|y|^2 - |x|^2}{\Gamma \frac{\lambda+1}{2}} \int \frac{\varphi(\xi, \eta)}{|\xi|} \|y - \eta\|^{-|x - \xi|^2/\lambda} dS_{\xi, \eta} \Big|_{\lambda=-n}. \quad (11)$$

where the integral is extended over the whole cone $|\xi|^2 = |\eta|^2$ and C_n is a constant depending on n . The obtained function $U(x,y)$ is a solution of the problem I and is unique in the class of functions satisfying the condition

$$|U(x,y)| \leq \frac{A(x)}{(|y|^2 - |x|^2)^{\frac{n-2}{2}} \left[1 + (|y|^2 - |x|^2)^{\frac{n+1}{4}} \right]}.$$

Problem II: Determine a $U(x,t)$ which outside the characteristic cone $|x|^2 = t^2$ satisfies

$$U_{tt} = \Delta_x U \text{ for } t < |x|, t > 0 \quad (12)$$

and

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$$U|_{t=0} = |x| = \varphi(x) \quad (13)$$

$$U|_{t=0} = 0 \quad (14)$$

where $\varphi(x)$ satisfies (5). If $U|_{t=0} = \theta(x)$ then by the solution of an ordinary Cauchy problem one obtains

$$U(x, t) = \frac{1}{2\pi i} \frac{1}{\Gamma(\lambda + 1)} \int [t^2 - |x-\xi|^2]_+^\lambda \theta(\xi) d\xi \Big|_{\lambda = -\frac{n-1}{2}}.$$

Writing this solution for $|x|=t$ then it again leads to an equation (1) for θ . Its solution (for odd n) reads

$$\theta(2z) = \frac{1}{(-4\pi)^{\frac{n-1}{2}}} \frac{1}{|z|^{\frac{n-1}{2}}} \frac{\partial^{\frac{n+1}{2}}}{\partial |z|^{\frac{n+1}{2}}} \int_{(x, z)=|z|^2} \varphi(x) dS_x + \sum_{k=0}^{\left[\frac{n-1}{2}\right]} C_k \left(\frac{z}{|z|}\right) |z|^{-2-k}, \quad (15),$$

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where the C_k are arbitrary functions of the unit vector ω .

There is 1 figure and 3 Soviet-bloc and 2 non-Soviet-bloc references.
The reference to the English-language publication reads as follows:
F. John, Duke Math. J., 4, 300 (1938).

ASSOCIATION: Leningradskiy gosudarstvennyy universitet imeni A. A. Zhdanova (Leningrad State University imeni A.A. Zhdanov)

PRESENTED: May 23, 1961, by V. J. Smirnov, Academician

SUBMITTED: May 6, 1961

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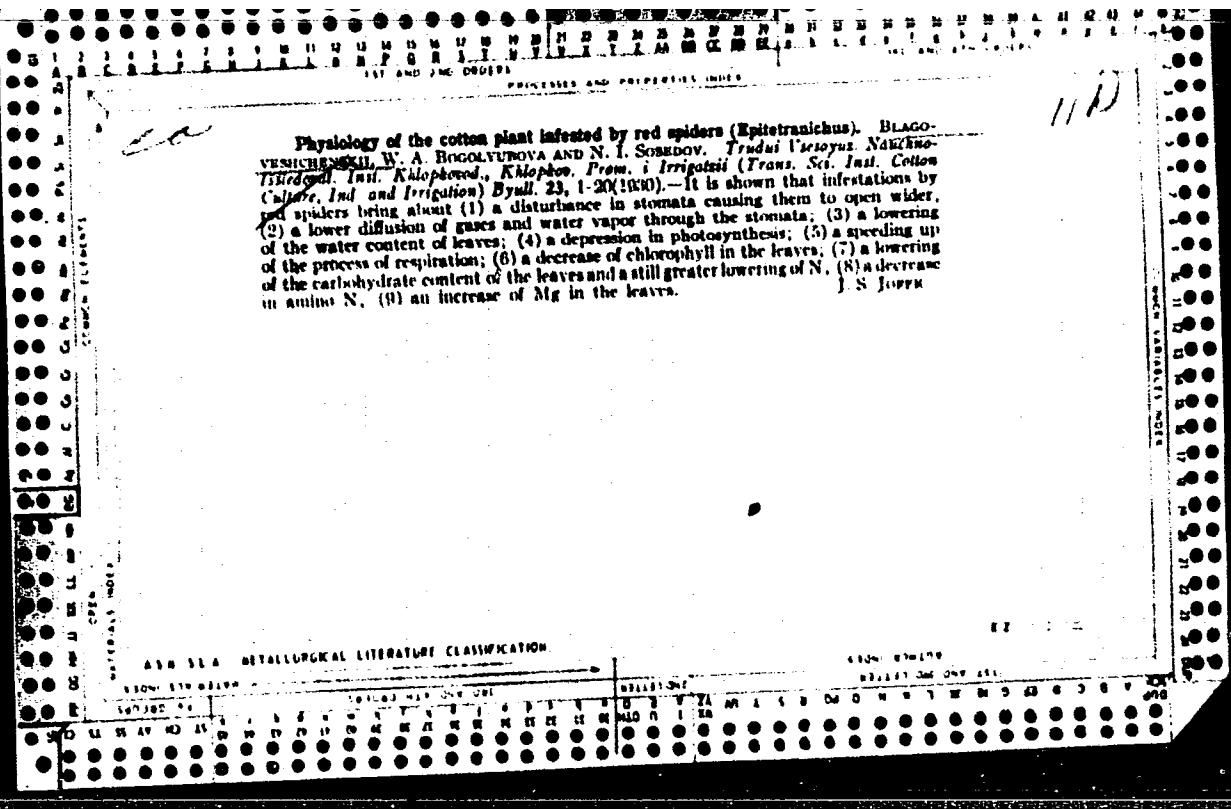
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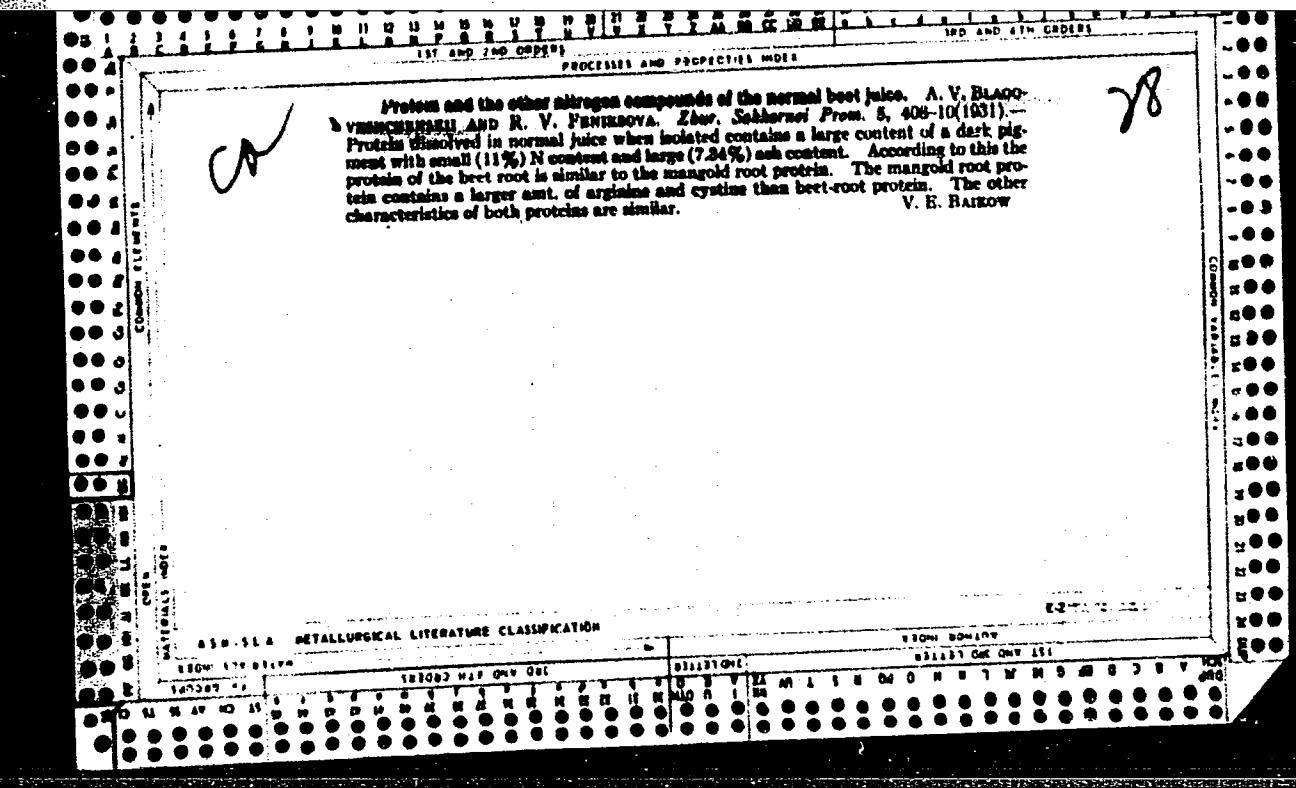
BLAGOVESHCHENSKIY, A.S.

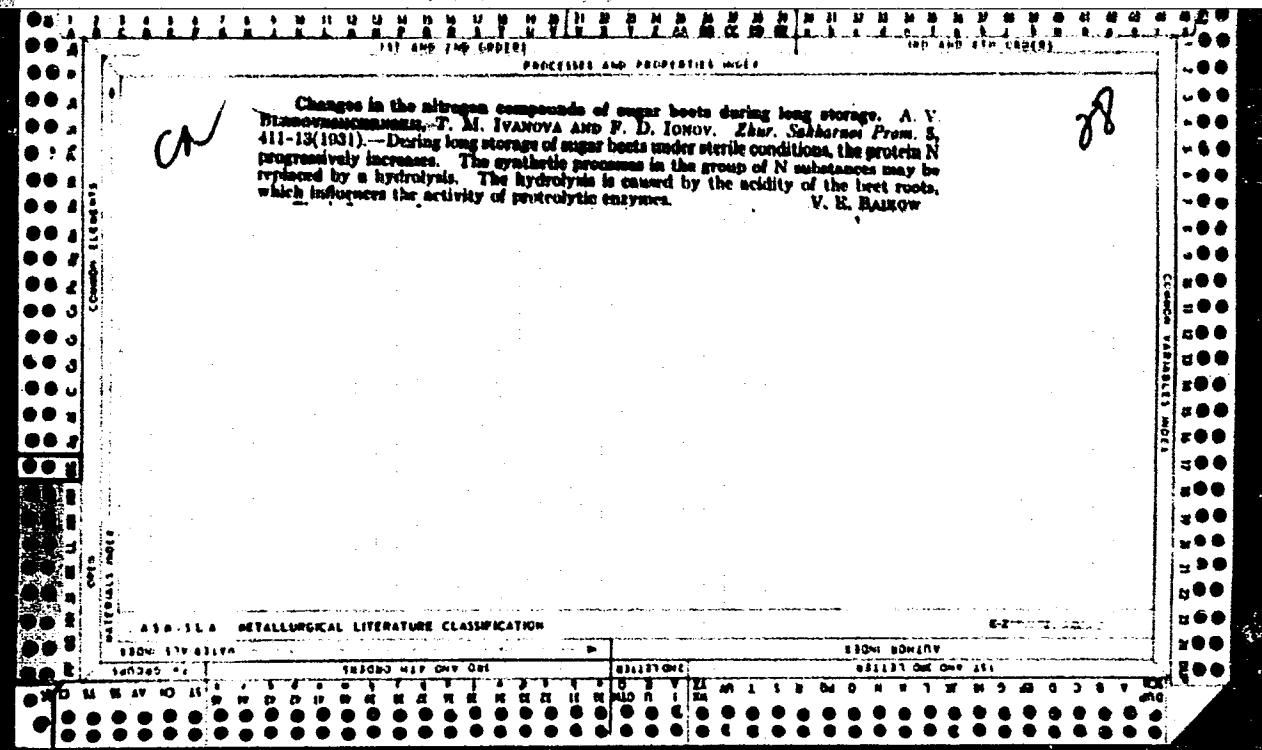
Problem for an ultrahyperbolic equation with data on a characteristic plane. Vest I&U 20 no.13&13-19 '65. (MIRA 18:7)

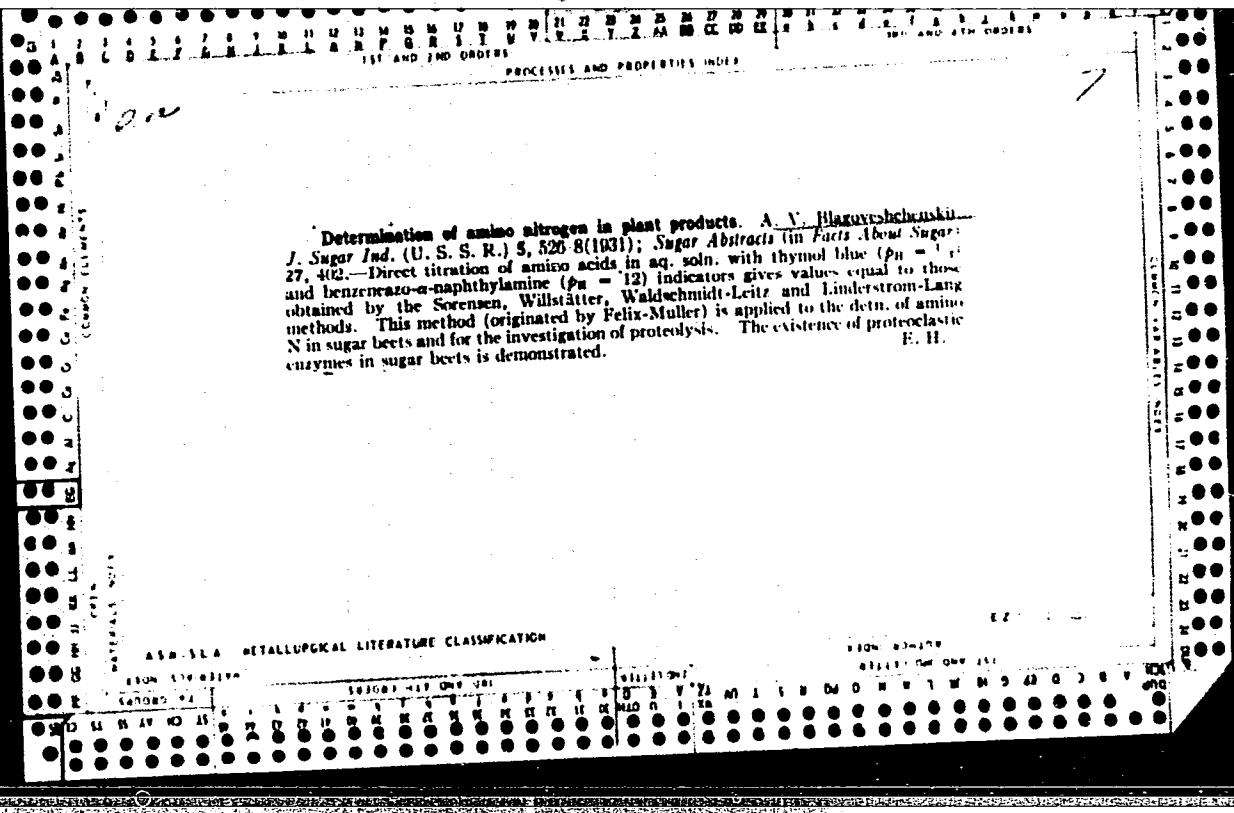
BLAGOVESHCHENSKIY, A.S. (Leningrad)

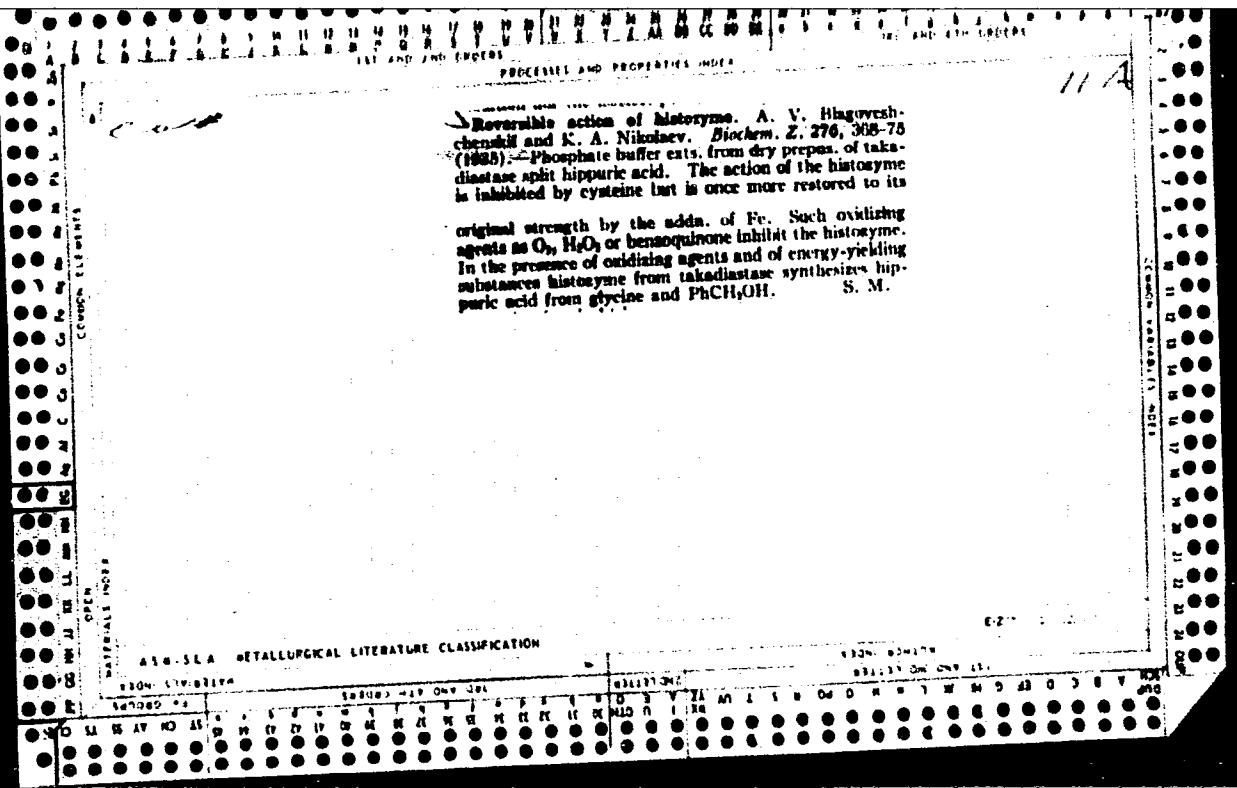
Characteristic problem for an ultrahyperbolic equation. Mat. sbor.
63 no.1:137-168 Ja 64. (MIRA 17:3)

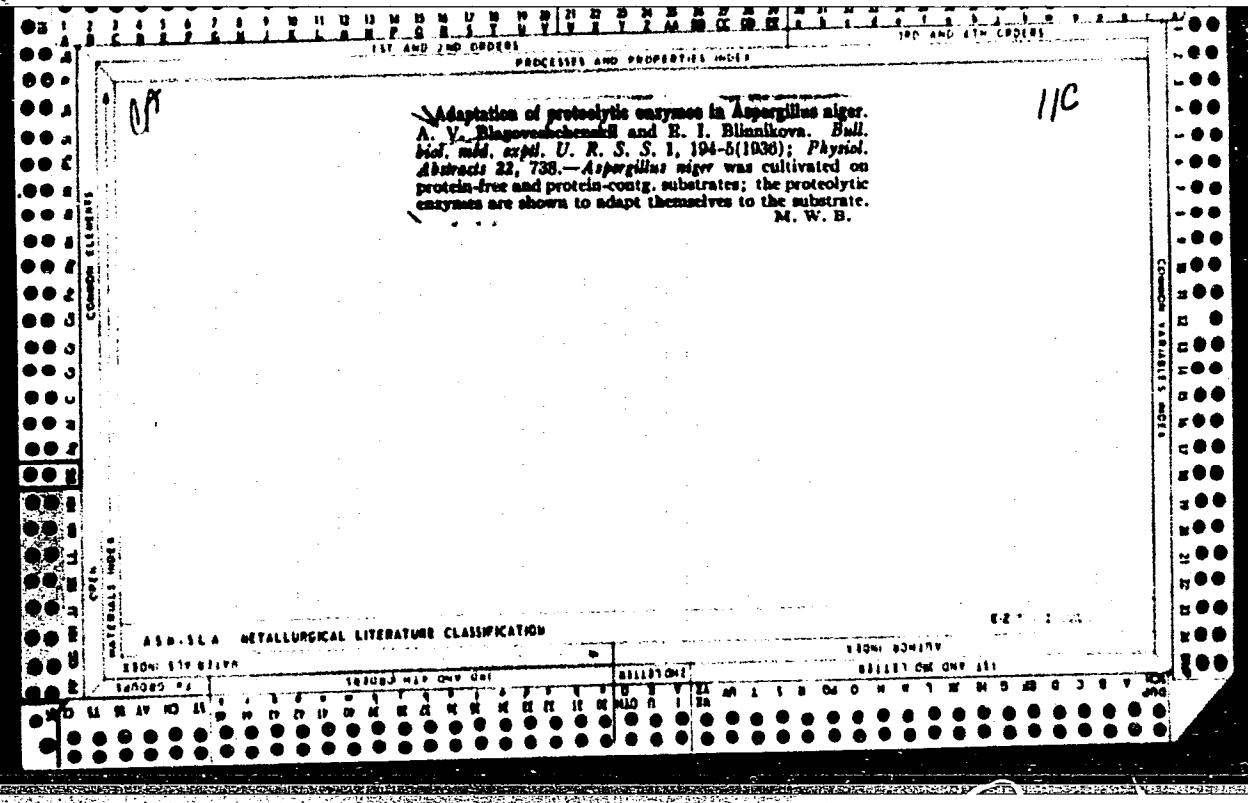










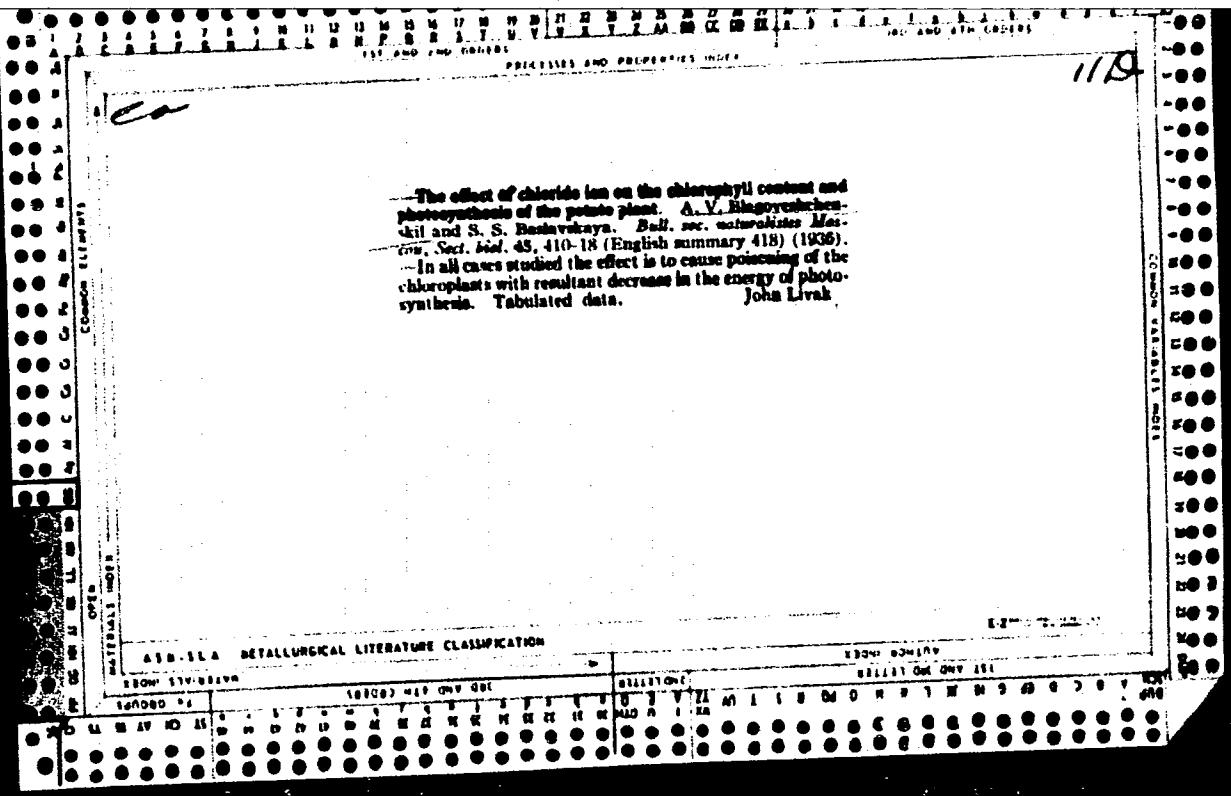


Chemical composition of tea leaves and seedlings of
cultivation. A. V. Blagoveshchenskii. Sovet Sibirov 1934, No. 10, 18-51? *Cahiers de l'Institut 37, 117-5.*—The effect of nitrogenous fertilizers on the chem. compn. of tea leaves is relatively small; they decrease slightly the yield. P fertilizers act in the same direction, but increase the crop strongly, on the total N and caffeine contents, but more (very slightly) the tannin content. In both cases the effect on the activity of the catalase is very slight. Light favors the increase of total and protein N and the activity of the catalase and of the peroxidase without modifying the caffeine and tannin contents. A. P. C.

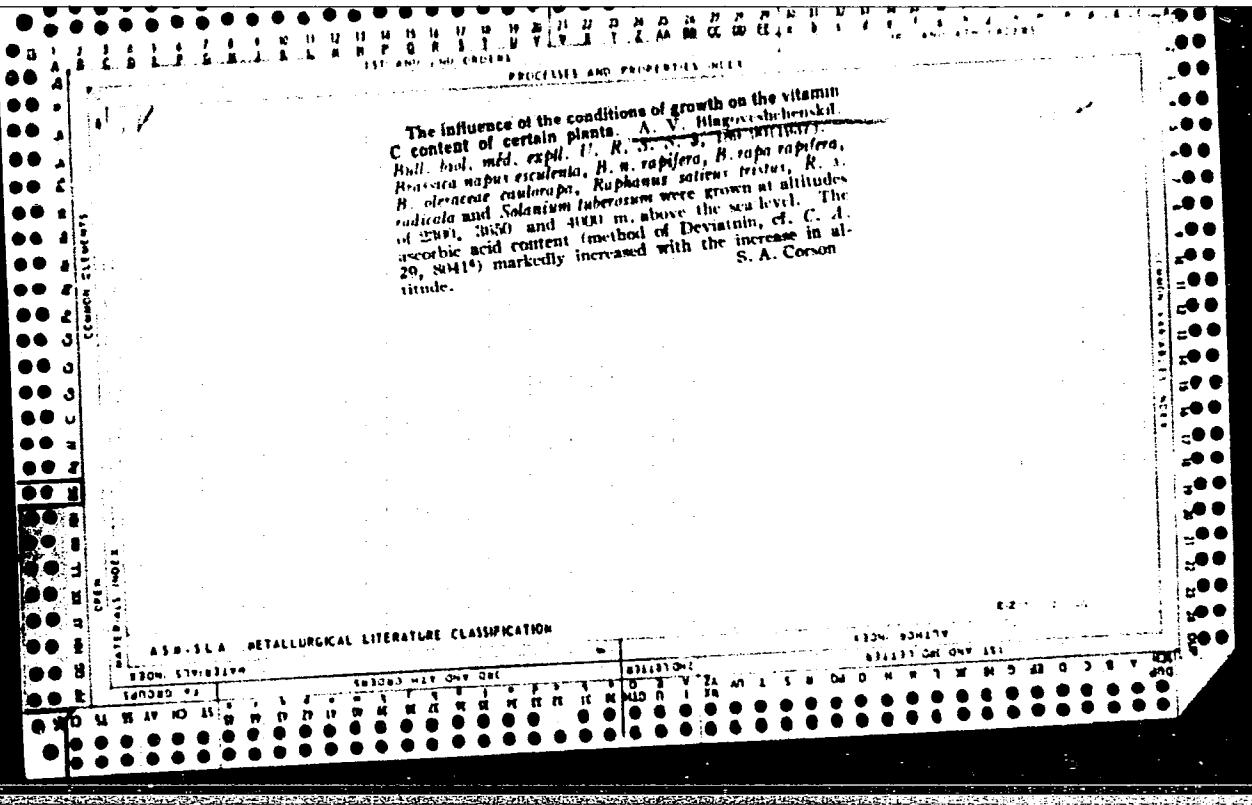
A. P.-C.

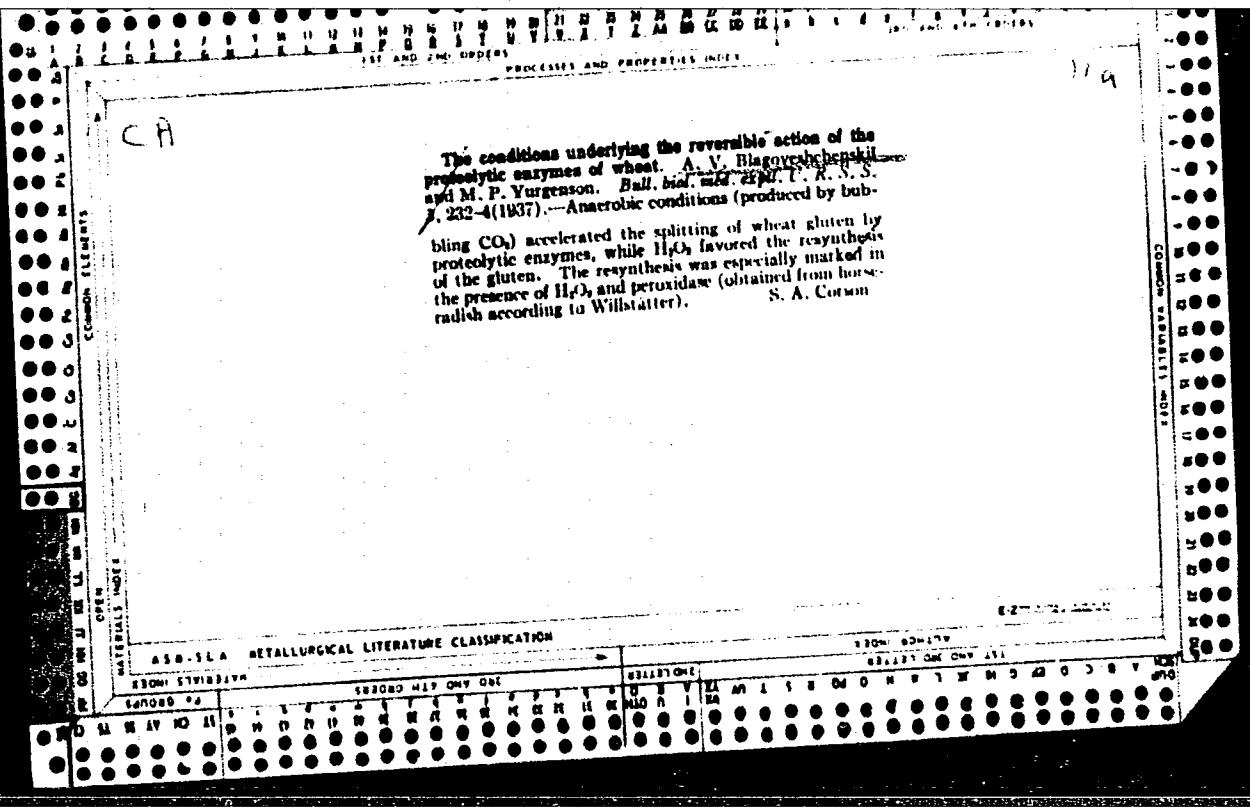
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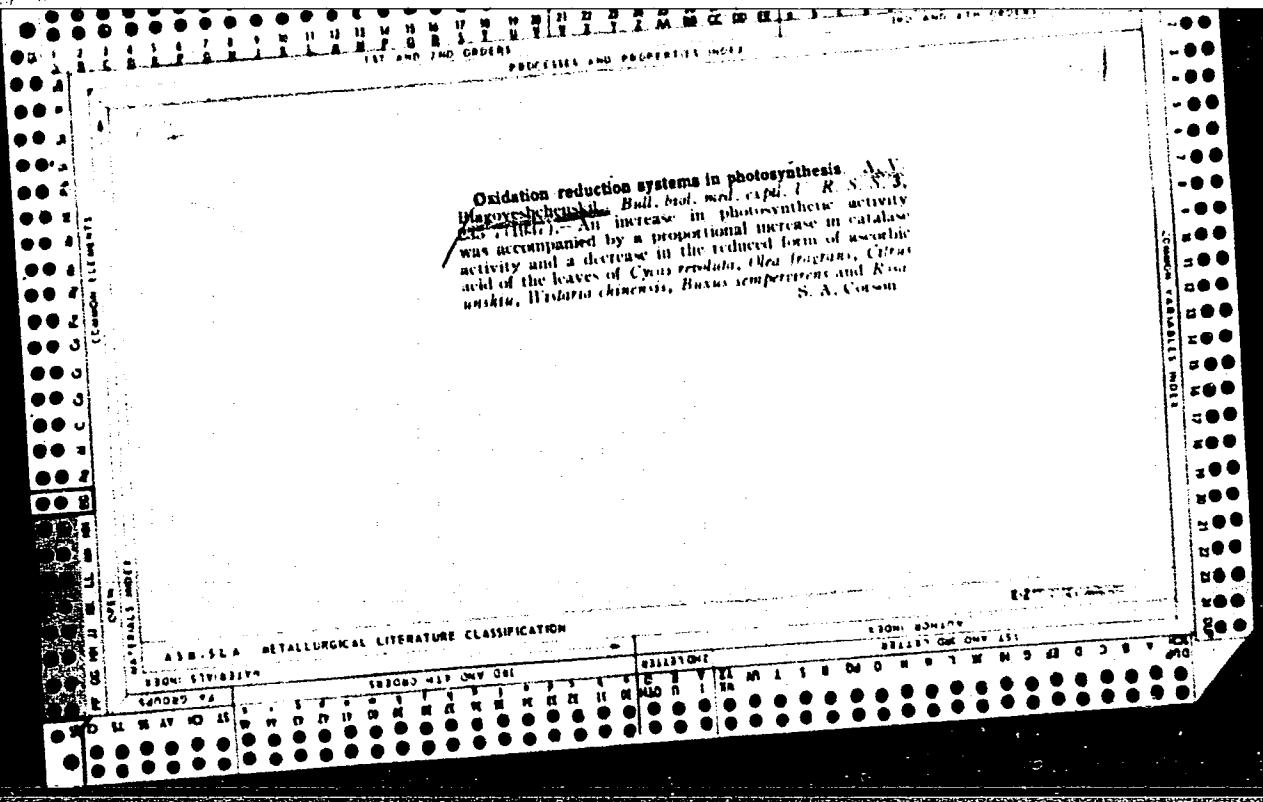
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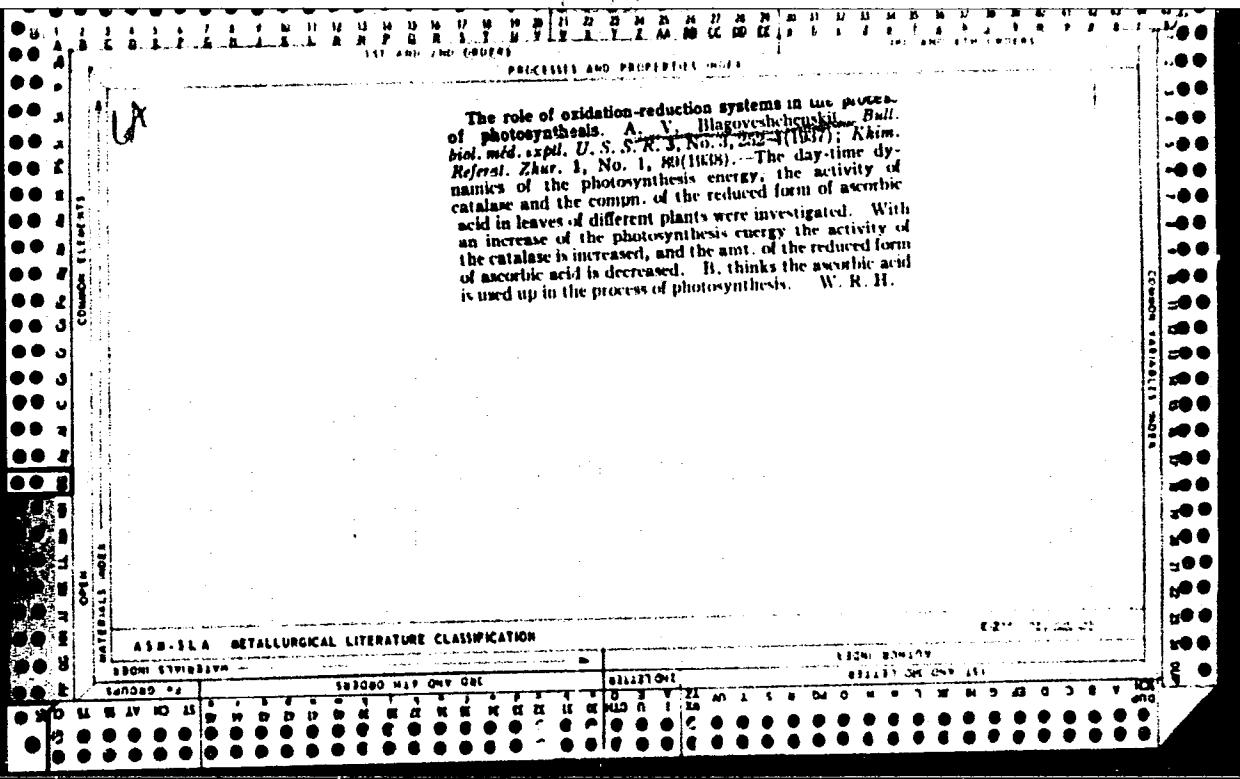


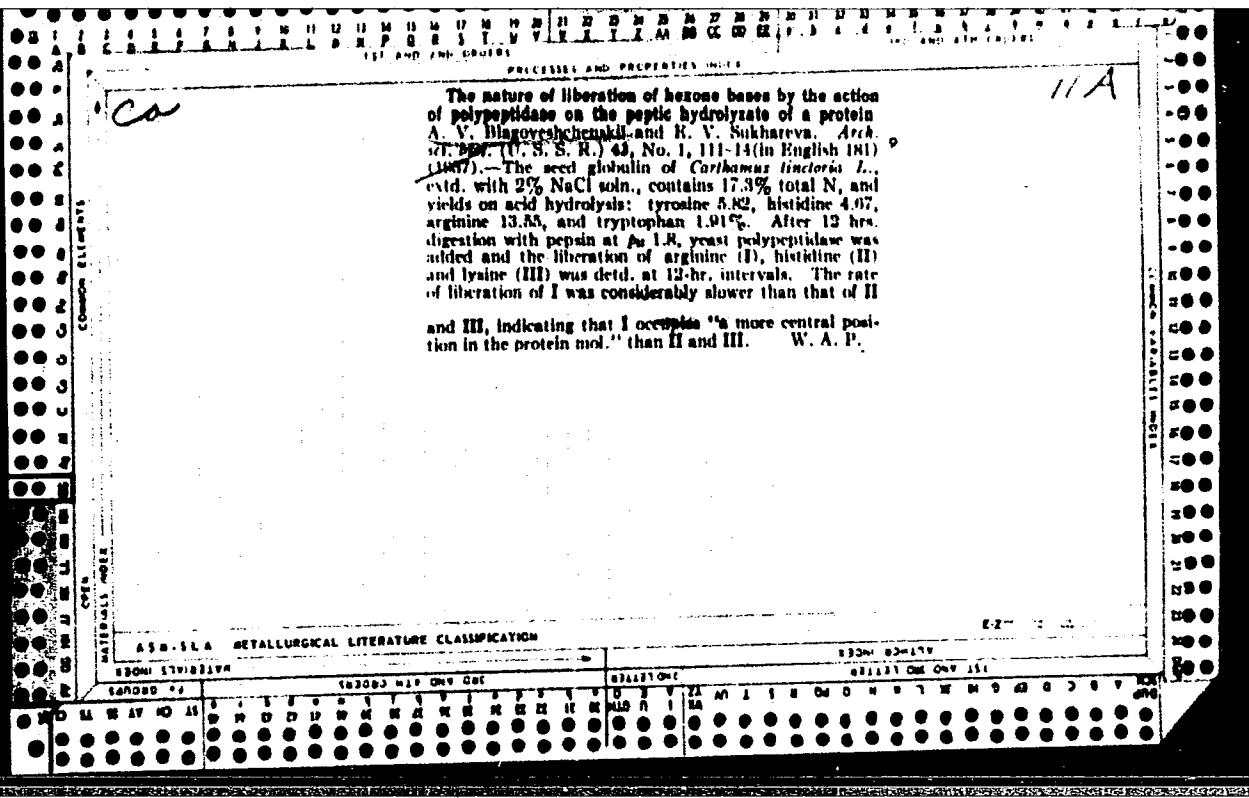
1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX									
(A)										(B)									
<p>Differences between enzymes of the same name but of different origin. A. V. Blagoyevich et al., Biokhimia 2, 154-67 (1937). - The ability to lower the energy of activation of the catalyzed reaction is taken as the criterion for the activity of the catalyst. The question arises as to whether this ability is a const. for the given enzyme. Is the blood catalase of a guinea pig identical with the blood catalase of other animals, and with the plant catalase? Are the enzymes of young and old organisms identical? Is the quality of the enzyme the same in normal and pathol. states? B. had previously presented the view that the development of plant life is in the direction of a gradual decrease of the energetic potential of the organism, a fall which is accompanied by a tendency to evolve and accumulate cyclic, stable and unreactive compds. of the type of alkaloids, cyclic terpenes, etc. It was therefore of interest to det. whether this same tendency is not shown by en-</p>										<p>tymes; i. e., do not phylogenetically old plants show a higher energy of activation in the decompo. of H_2O_2 than plants relatively young from the standpoint of evolution. Kaptin, in the reaction rate of decompo. of H_2O_2 by the catalases of various plants, and calcn. of μ, the energy of activation by the Arrhenius formula, have shown that the phylogenetically old plants (as <i>Cinchona succirubra</i>) possess a higher energy of activation than young plants (<i>Araea nitraria</i>). In other words, "old" plants require more energy for the decompo. of a mol. of H_2O_2. The energetic potential of these plants is lower than in plants phylogenetically young. The value of μ for the blood catalase of a guinea pig was found to be equal to 4500 g. cal., that of <i>Hamadryas hamadryas</i>, 15,110 g. cal. and for a rabbit, 17,910 g. cal. The av. energy of activation of the autolytic enzyme (proteolysis) for young guinea pigs is $\mu = 1100$ g. cal., for adults, $\mu = 4840$ g. cal. and for "old," $\mu = 14,810$ g. cal. In other words, during proteolysis, a fall of the energetic level of the enzyme system, due to aging, is observed.</p> <p style="text-align: right;">H. Cohen</p>									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION										EXTRN. COMPLX.									
EXCH. SYSTEMS										COLLECTION									
SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED	SEARCHED
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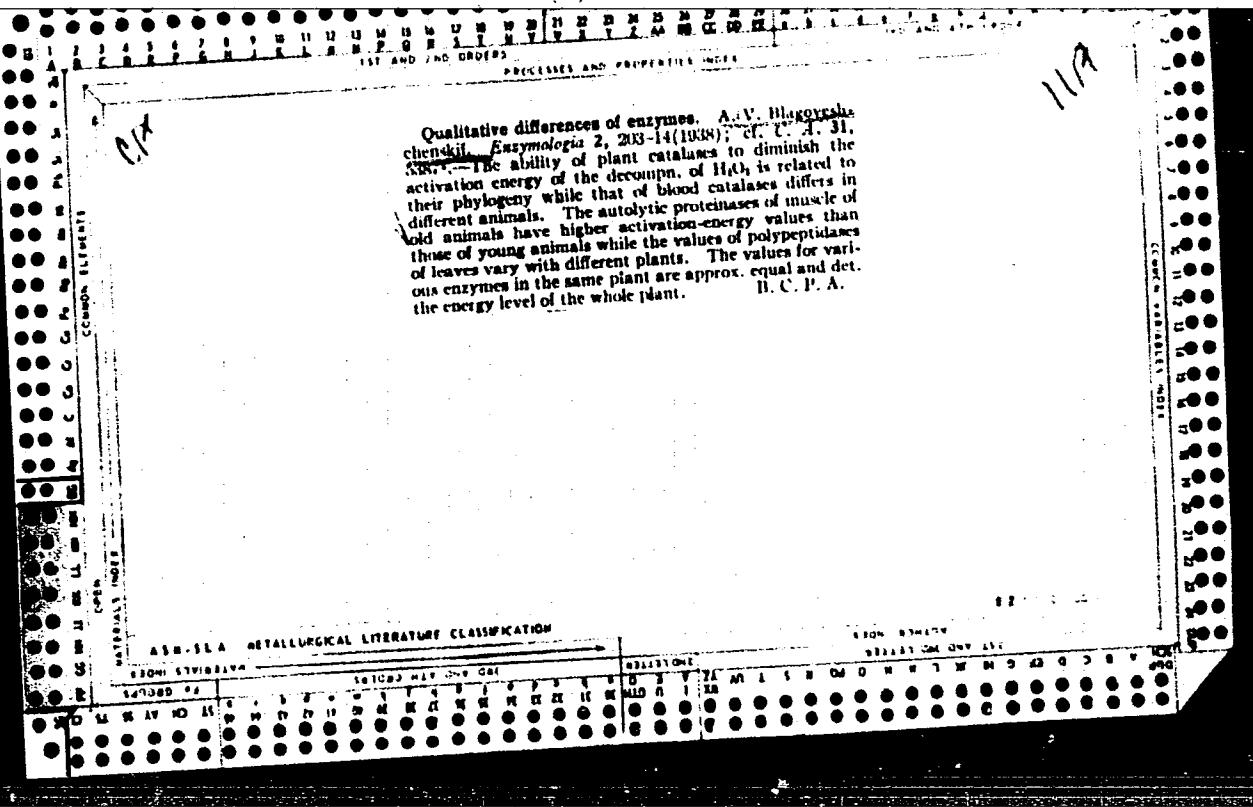


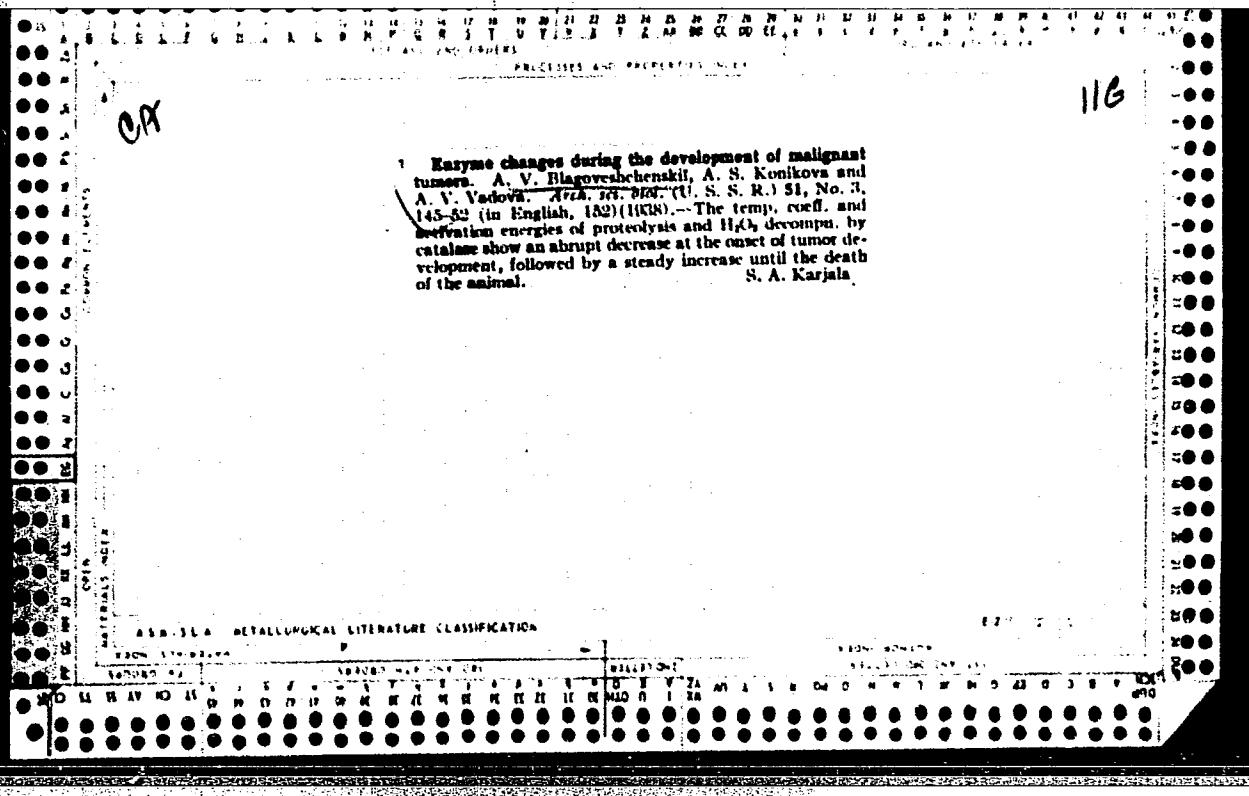


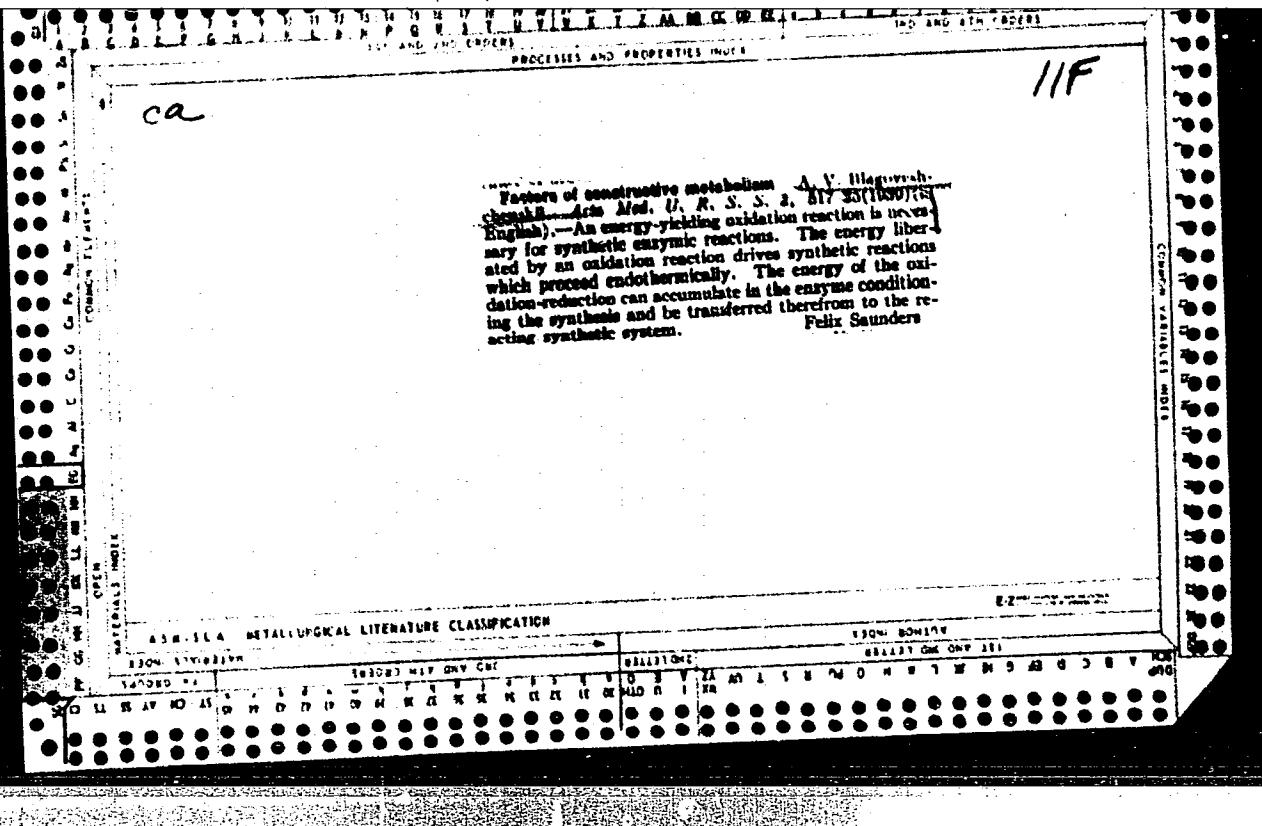


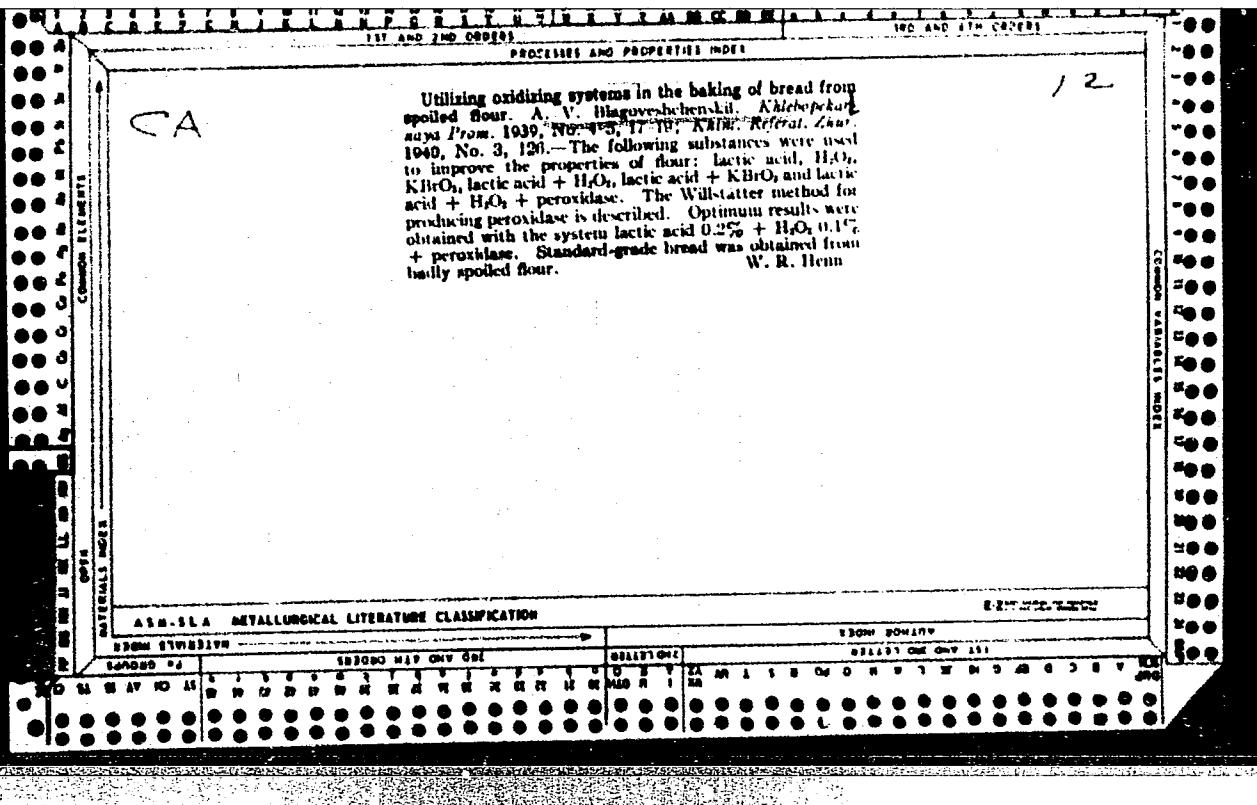


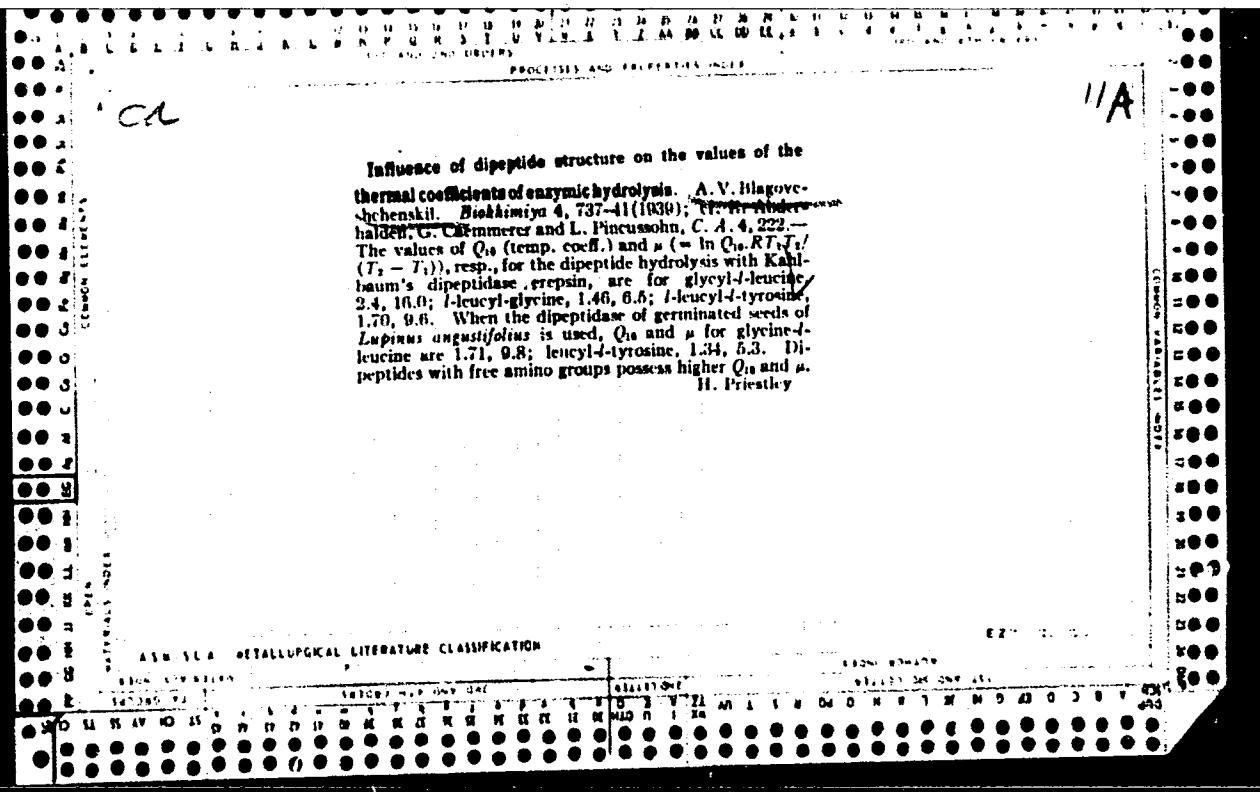
Qualitative differences of enzymes. A. V. Blagoveshchenskij. *Enzymologia* 2, 203-14 (1938); cf. C. A. 31, 8887. The ability of plant catalases to decompose H_2O_2 is related to their phylogeny while that of blood catalases differs in different animals. The autolytic proteinases of muscle of adult animals have higher activation-energy values than those of young animals while the values of polypeptidases of leaves vary with different plants. The values for various enzymes in the same plant are approx. equal and determine the energy level of the whole plant. B. C. P. A.

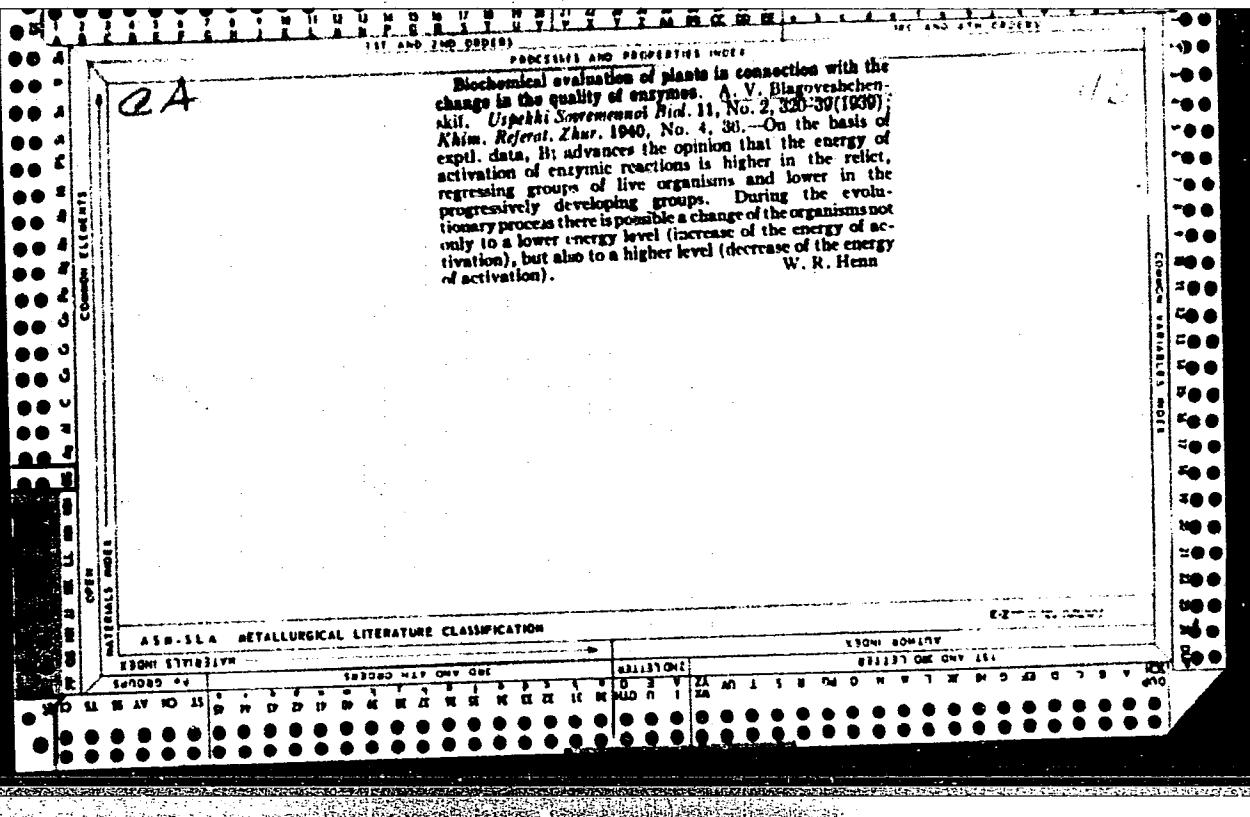


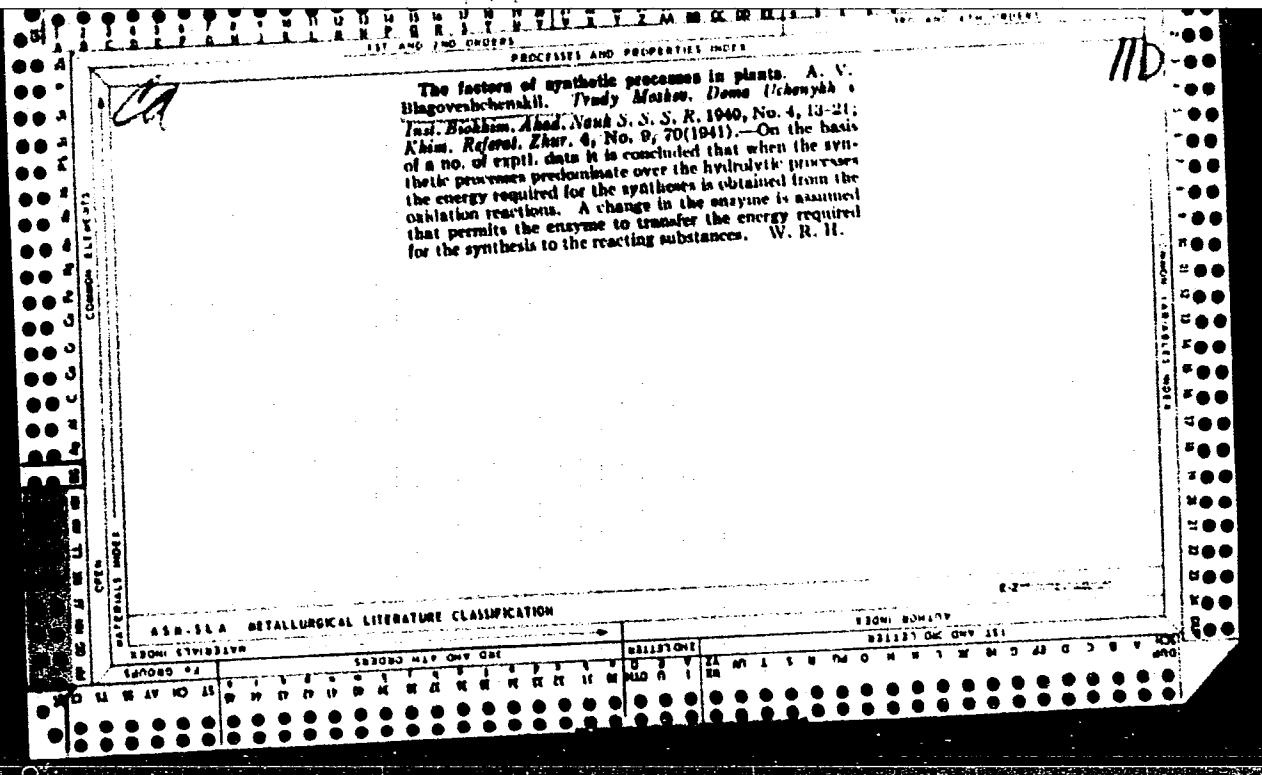












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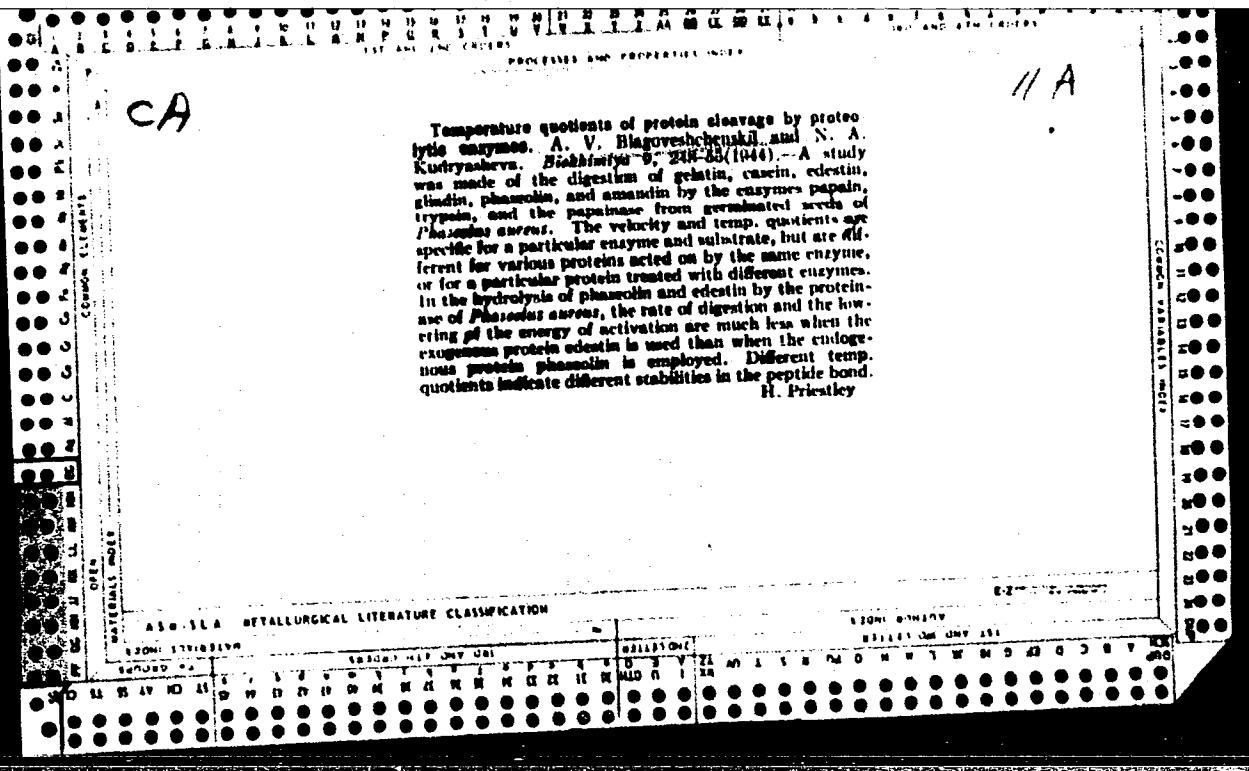
The role of the oxidation-reduction systems in photosynthesis. V. A. Blagoveshchenskii, Jr. *Trudy Marks. Doma Uchenykh i Tzil. Biologicheskogo Instituta Akad. Nauk SSSR*, 1940, No. 4, 67-85; *Khim. Referat. Zhur.*, 6, No. 9, 97 (1941).—Leaves of a no. of tropical and subtropical plants of the Black Sea coast of the Caucasus were used for the expts. The activity of catalase increased, and the content of ascorbic acid (man of both forms) and the activity of peroxidase decreased during the day, when the photosynthetic energy was greater. The following scheme for photosynthesis is proposed: (1) the photochemical phase of activation of H_2CO_3 , in which chlorophyll takes part as the photosensitizer; (2) the dark phase—reduction of H_2CO_3 to CH_4 , with the assistance of ascorbic acid acting as a donor of H ; (3) the photochemical phase—photolysis of water and reduction of dehydroascorbic acid to ascorbic acid with the formation of H_2O_2 ; (4) the dark phase decompo. of H_2O_2 by catalase. W. R. Henn

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1.1.1.1.1. METALLURGICAL LITERATURE CLASSIFICATION

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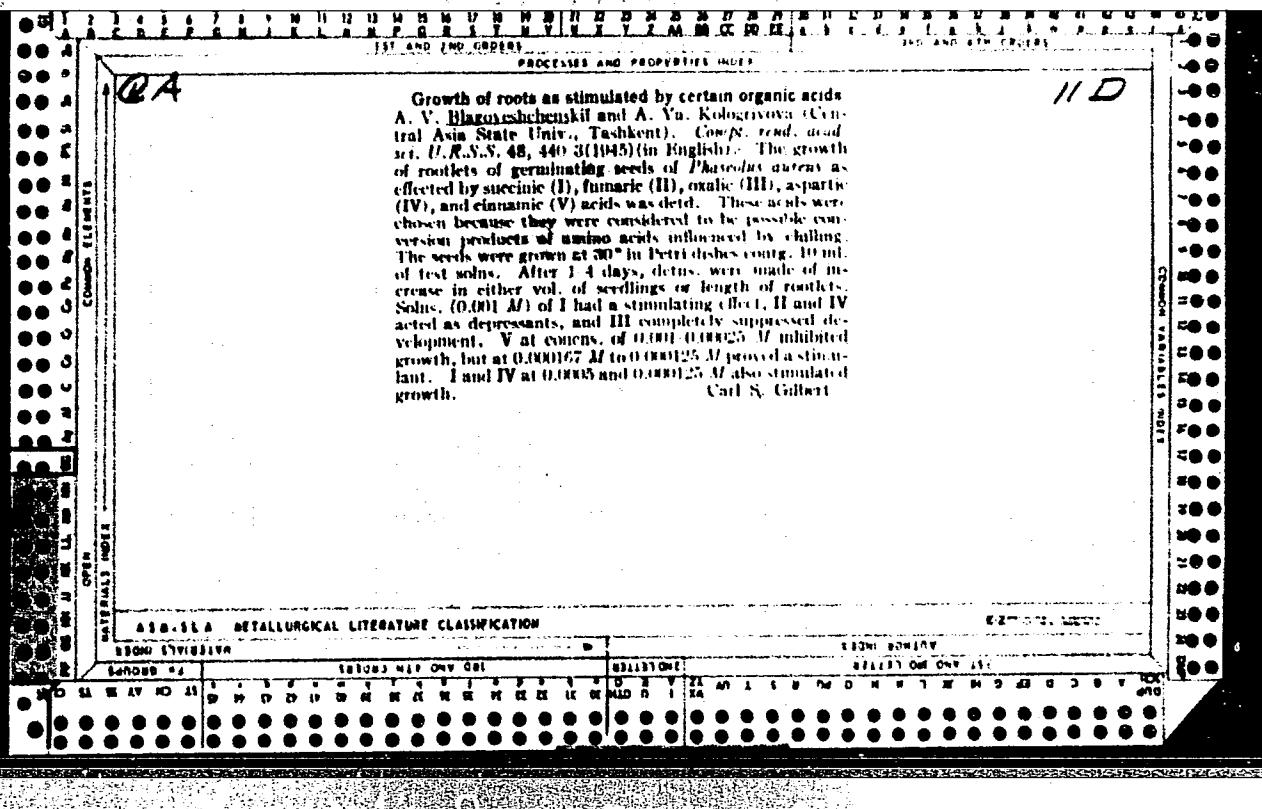
Biochemical factors of natural selection in plants. A. V. Blagoveshchenskii (Central Asiatic Imperial Univ. of Tashkent). "Gen. Biol. (U.S.S.R.)" 6, 217-31 (1945) (English summary). - The enzymes and nonenzymic antibacterial substances produced by an organism obviously play an important role in its well-being. By suppressing or completely destroying the interfering bacteria they permit more complete utilization of the nutrient substrate. Employing the protein of *Vetchellum dahliae*, and *Fusarium roseofuscum* as an antigen to immunize rabbits, Fedotova was able to identify the resistance of cotton plant to these wilts. Fedotova was able to identify the resistant varieties by a negative reaction of their seeds. It assumes that the spores of forerunners of present parasites were carried accidentally onto a particular plant; in the course of growth some protein of the host

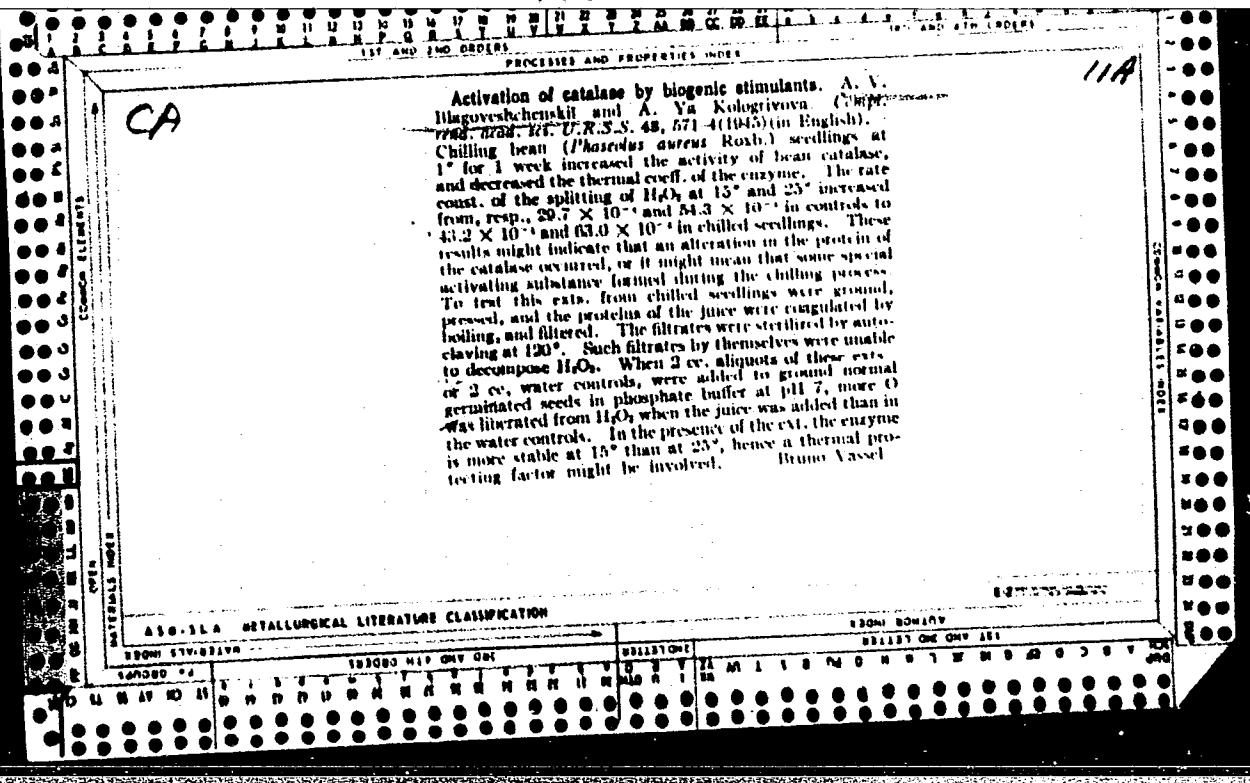
entered the fungus, which responded with the formation of antibodies, proteolytic enzymes specific against a foreign protein. The non-resistant varieties are possibly those against which the fungus developed an antibody; the resistant varieties do not react with this antibody. If the resistance of a plant towards a parasite depends on the character of the enzyme systems of both the host and the guest, then it is also possible that other forms of resistance are connected with these factors. In experiments with a variety of barley grown at different altitudes it was demonstrated that the higher the altitude the higher the quality of their enzymes, the less external energy is required to decompose H_2O_2 ; the seeds were more adapted to severe conditions and the velocity of their reaction was less dependent on external temperatures. The stimulating effect of chilling on the enzyme proteins was demonstrated by B. I. Ufimov on the catalase of cucumber sprouts, where the activity of the chilled specimen was increased 1250 times. According to L. V. Zubtsova potato tubers kept for 10 days at 1° developed a more powerful root system and grew much faster than the controls. These factors show developments favoring the progress of the plant growth and are connected with definite biochemical processes related to an increased energy level of the enzyme. To the extent that these enzyme proteins form the basis of the protoplasm it is possible to refer to this activity as the higher energy level of the entire organism. Investigation is in progress as to the extent to which the formation of biogenic stimulators can be related to increased morphological changes. Boris Gurzoff.

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Activation of catalase by products of deamination of amino acids. A. V. Ilagurovichenskii and A. Yu. Kologrivova. *Doklady Akad. Nauk S.S.R.* 50, 359-60 (1945). --Catalase (from powd. seeds of *Phaseolus aureus*) activity is increased by addn. of fumaric acid (deamination product of aspartic acid, followed by dehydration), succinic acid at 15° (at 25° repression takes place), and citramalic acid (only at selected concns. at 10° and 25°, max 11.5×10^{-4} and 13.8×10^{-4} at 10° and 13.8×10^{-4} and 16.1×10^{-4} at 25° give repression), in concns. from 2.3×10^{-6} to 74×10^{-6} . The effect was not very great but was significantly different from controls. All expts. were done *in vitro* manometrically. G. M. K.

AIR 31A METALLURGICAL LITERATURE CLASSIFICATION

BLAGOVESHEHNSKIY, A. V.

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Tipy aktivirovaniya fyermyemtov. Trudy In-ta fiziologii rastyeniy im Timiryazyeva,
T. VI, vyd. 2, 1949, s. 70-77.--Bibliogr: 17 nazv.

D. Mikrobiologiya
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